

Data File : VW016786.D
Acq On : 06 Oct 2020 07:59
Operator : SY/VA
Sample : VSTD05003
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

Quant Time: Oct 06 08:33:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 06 08:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	557420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514855	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	267277	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	270377	46.14	ug/L	0.00
7) Chloroethane-d5	2.89	69	224921	49.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	578576	48.64	ug/L	0.00
21) 2-Butanone-d5	7.08	46	103928	89.60	ug/L	0.00
24) Chloroform-d	7.65	84	563075	48.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	255550	46.00	ug/L	0.00
32) Benzene-d6	8.27	84	1106818	47.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	291885	45.59	ug/L	0.00
41) Toluene-d8	10.32	98	1073960	47.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	133630	47.17	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	88657	95.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	217242	44.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	396235	47.51	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	374639	53.271	ug/L	96
3) Chloromethane	2.21	50	314851	55.010	ug/L	98
5) Vinyl chloride	2.37	62	402024	49.848	ug/L	98
6) Bromomethane	2.78	94	284935	51.395	ug/L	96
8) Chloroethane	2.93	64	248820	53.200	ug/L	99
9) Trichlorofluoromethane	3.26	101	307630	45.975	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	393275	53.583	ug/L	99
12) 1,1-Dichloroethene	4.04	96	383911	52.558	ug/L	92
13) Acetone	4.12	43	83155	97.365	ug/L	99
14) Carbon disulfide	4.39	76	1104823	49.486	ug/L	98
15) Methyl Acetate	4.67	43	106800	49.816	ug/L	100
16) Methylene chloride	4.92	84	343008	41.724	ug/L	99
17) trans-1,2-Dichloroethene	5.43	96	394963	52.233	ug/L	98
18) Methyl tert-butyl Ether	5.43	73	388792	47.408	ug/L	100
19) 1,1-Dichloroethane	6.22	63	602451	51.252	ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	400327	51.651	ug/L	97
22) 2-Butanone	7.17	43	133661	91.151	ug/L	97
23) Bromochloromethane	7.51	128	181305	49.791	ug/L	95
25) Chloroform	7.68	83	645893	51.210	ug/L	100
27) 1,2-Dichloroethane	8.40	62	365664	49.084	ug/L	99
29) Cyclohexane	7.96	56	566250	52.000	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	555543	49.640	ug/L	99
31) Carbon tetrachloride	8.07	117	560334	50.699	ug/L	98
33) Benzene	8.32	78	1419212	50.606	ug/L	100
34) Trichloroethene	9.09	95	406043	51.373	ug/L	98
35) Methylcyclohexane	9.34	83	691489	51.621	ug/L	99
37) 1,2-Dichloropropane	9.37	63	317674	49.933	ug/L	99
38) Bromodichloromethane	9.65	83	448980	50.322	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	524471	51.317	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	300461	96.493	ug/L	100

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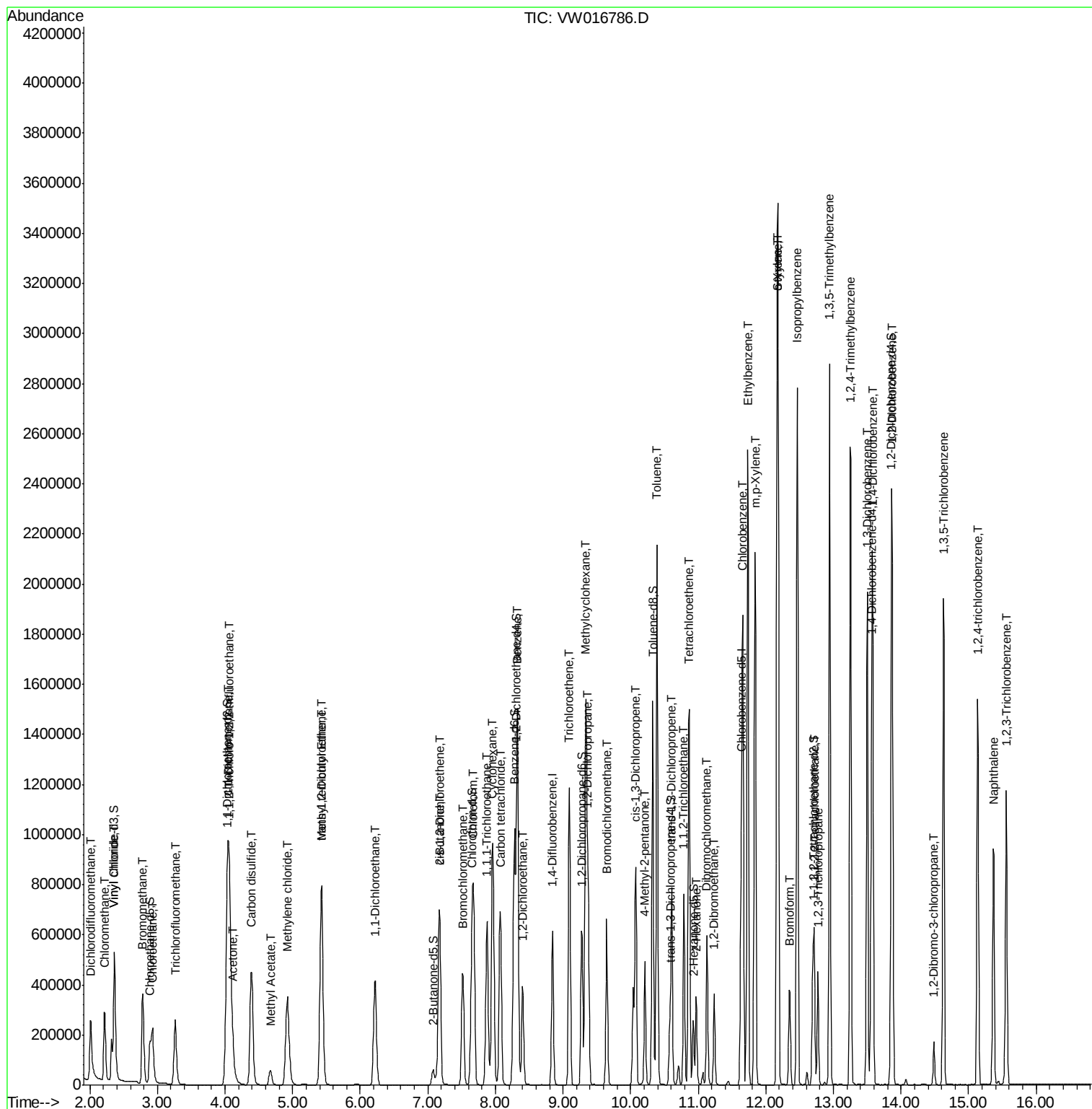
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	1592085	50.950	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	442108	50.935	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	251279	49.322	ug/L	96
46) Tetrachloroethene	10.87	164	371629	51.359	ug/L	90
48) 2-Hexanone	10.97	43	202207	98.823	ug/L	99
49) Dibromochloromethane	11.13	129	321654	49.662	ug/L	91
50) 1,2-Dibromoethane	11.24	107	244165	48.985	ug/L	96
51) Chlorobenzene	11.66	112	1038698	50.101	ug/L	95
52) Ethylbenzene	11.73	91	1796949	51.503	ug/L	99
53) m,p-Xylene	11.84	106	712198	52.066	ug/L	98
54) o-Xylene	12.17	106	675043	52.343	ug/L	95
55) Styrene	12.18	104	1119116	52.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	265306	48.406	ug/L	99
59) Bromoform	12.35	173	185028	48.240	ug/L	100
60) Isopropylbenzene	12.46	105	1847085	50.372	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	187779	44.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	1546703	51.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	1447509	51.829	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	847852	49.602	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	838502	49.482	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	729796	48.517	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.49	75	41155	46.002	ug/L	90
69) 1,3,5-Trichlorobenzene	14.63	180	650050	51.924	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	514356	52.050	ug/L	97
71) Naphthalene	15.37	128	844591	53.172	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	440086	52.747	ug/L	98

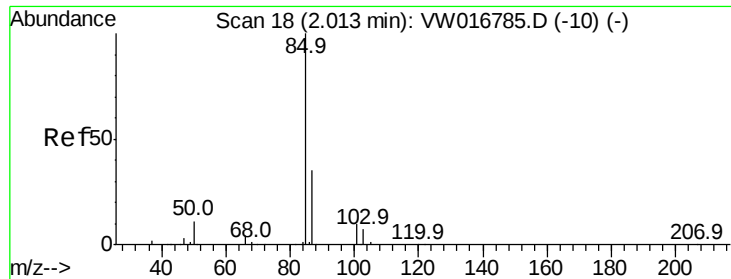
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 53.271 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

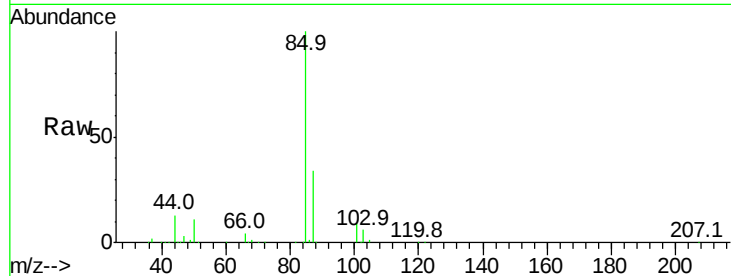
VSTD050104

Tgt Ion: 85 Resp: 374639

Ion Ratio Lower Upper

85 100

87 30.9 26.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

150000

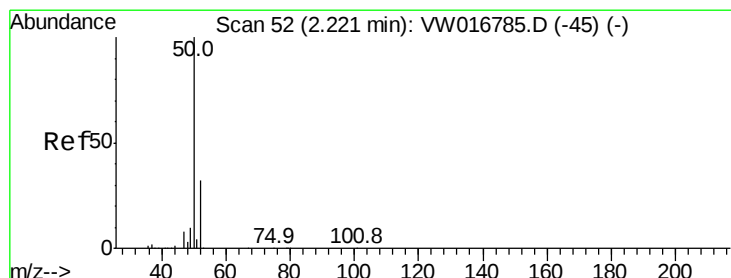
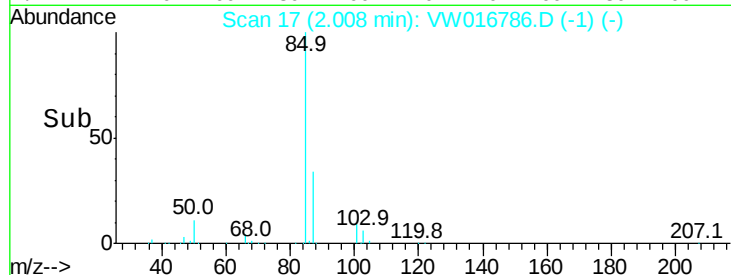
100000

50000

0

Time-->

2.00 2.20



#3

Chloromethane

Concen: 55.010 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016786.D

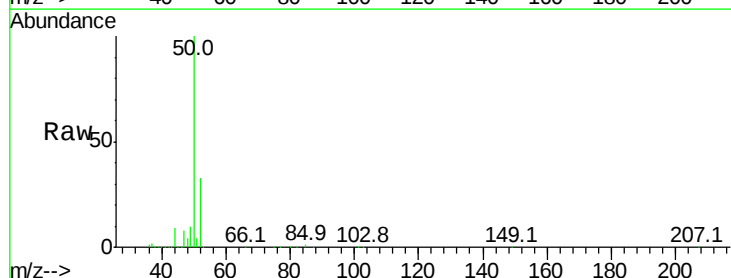
Acq: 06 Oct 2020 07:59

Tgt Ion: 50 Resp: 314851

Ion Ratio Lower Upper

50 100

52 33.3 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.21

150000

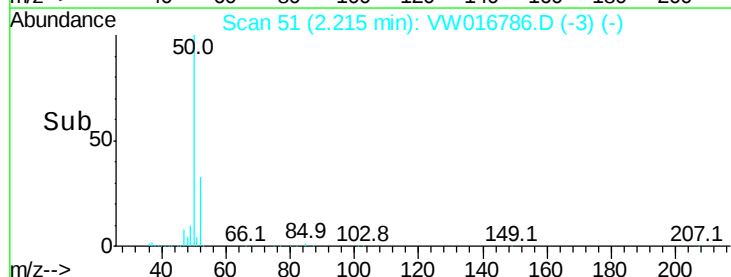
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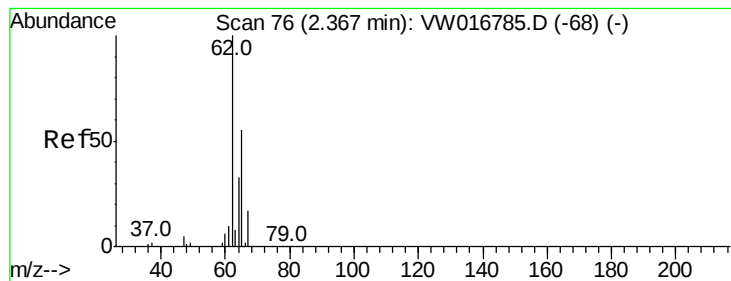
50000

0

Time-->

2.15 2.20 2.25 2.30





#5

Vinyl chloride

Concen: 49.848 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

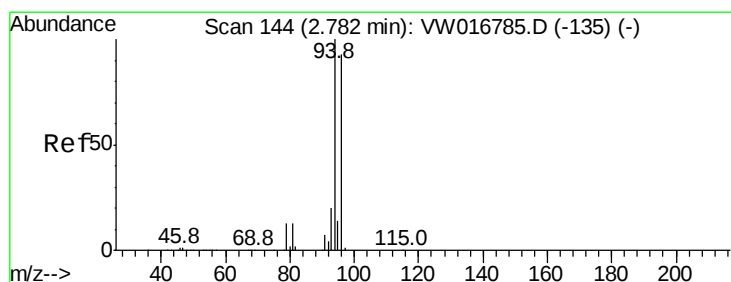
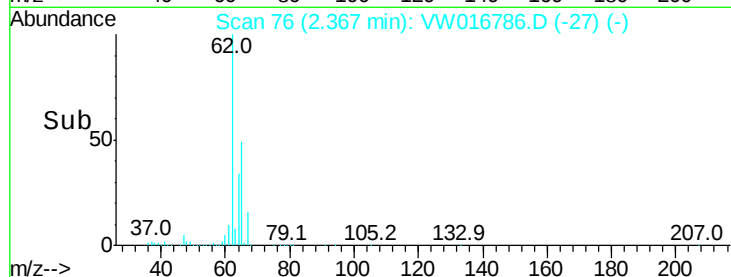
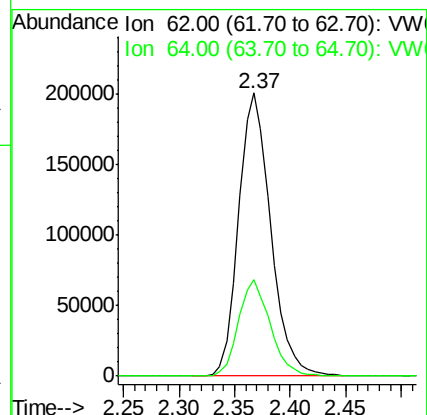
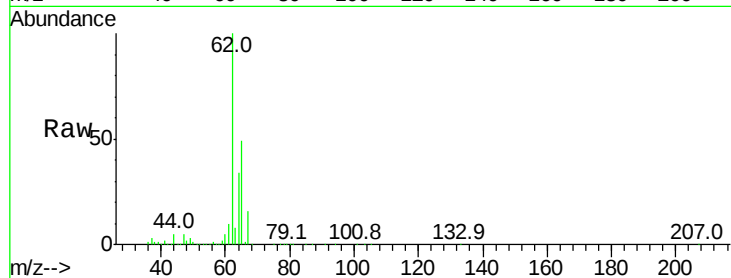
VSTD050104

Tgt Ion: 62 Resp: 402024

Ion Ratio Lower Upper

62 100

64 34.3 23.1 42.9



#6

Bromomethane

Concen: 51.395 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016786.D

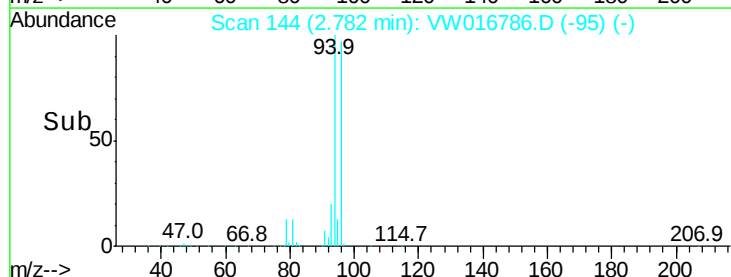
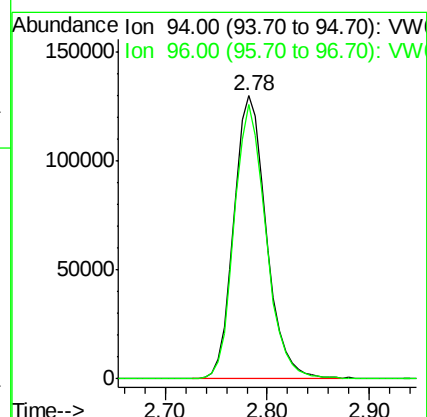
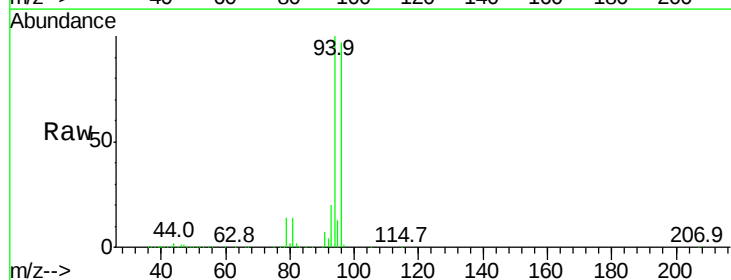
Acq: 06 Oct 2020 07:59

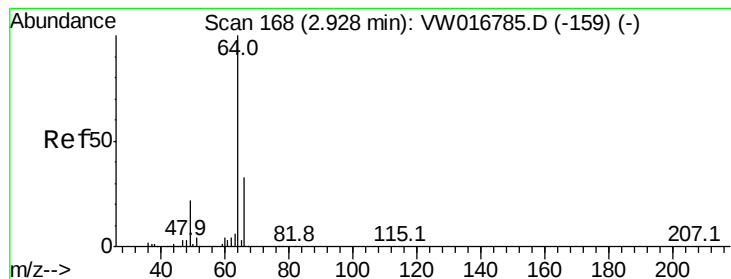
Tgt Ion: 94 Resp: 284935

Ion Ratio Lower Upper

94 100

96 97.0 65.2 121.0





#8

Chloroethane

Concen: 53.200 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

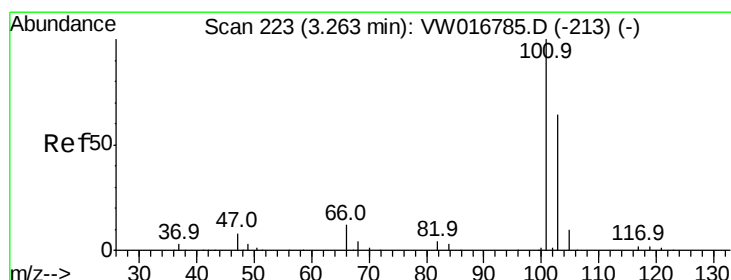
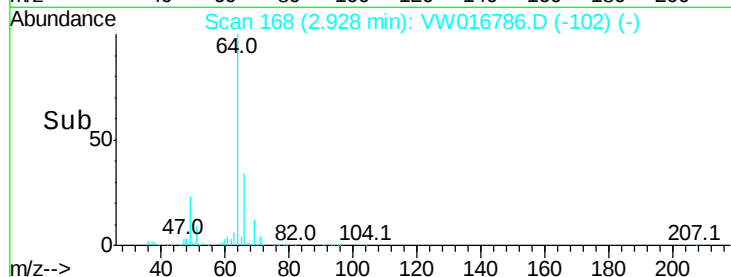
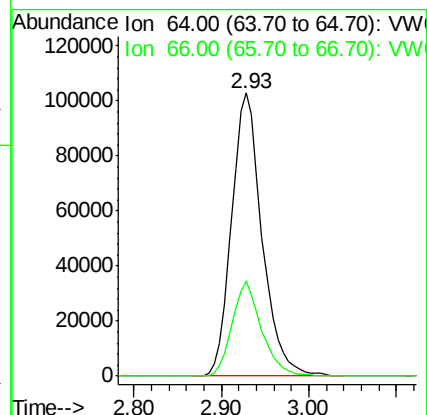
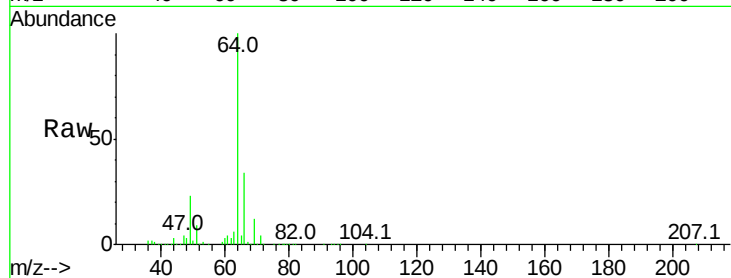
VSTD050104

Tgt Ion: 64 Resp: 248820

Ion Ratio Lower Upper

64 100

66 33.6 23.0 42.8



#9

Trichlorofluoromethane

Concen: 45.975 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW016786.D

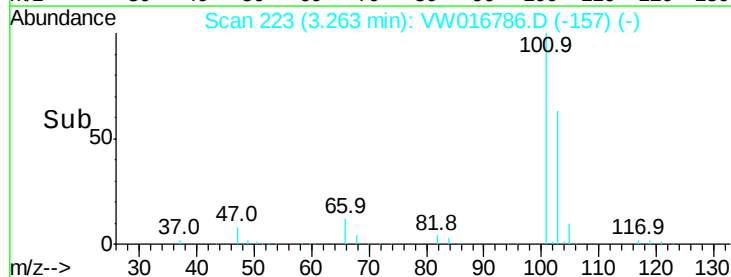
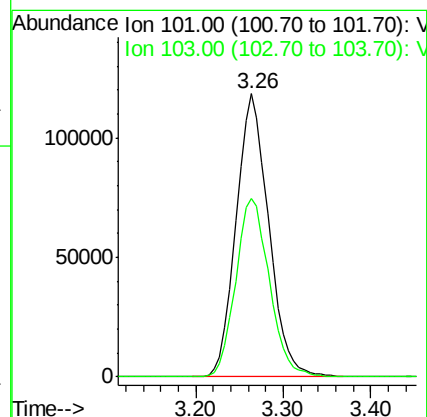
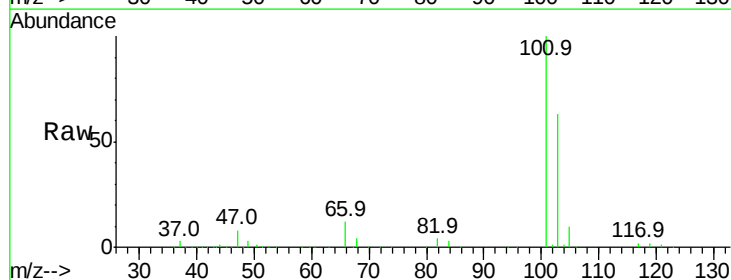
Acq: 06 Oct 2020 07:59

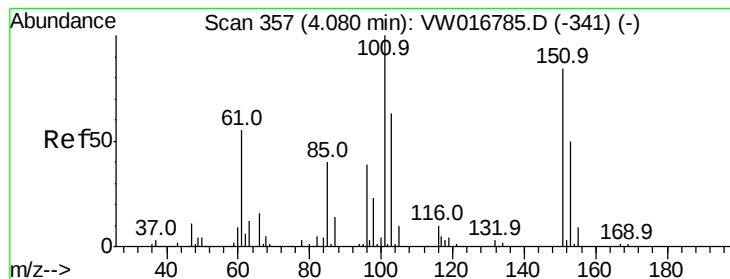
Tgt Ion: 101 Resp: 307630

Ion Ratio Lower Upper

101 100

103 64.9 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 53.583 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

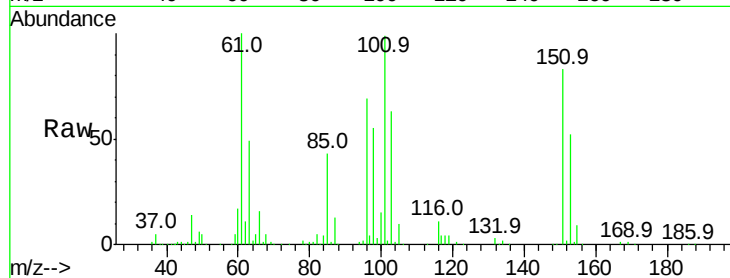
Tgt Ion: 101 Resp: 393275

Ion Ratio Lower Upper

101 100

85 41.6 33.2 49.8

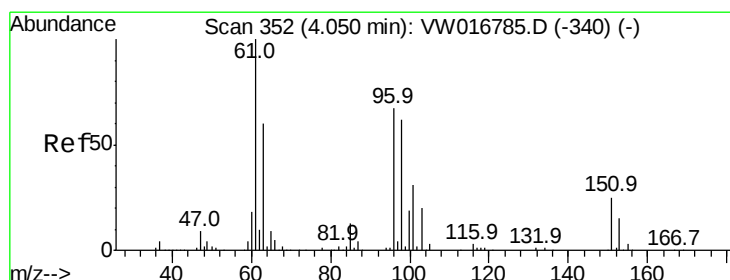
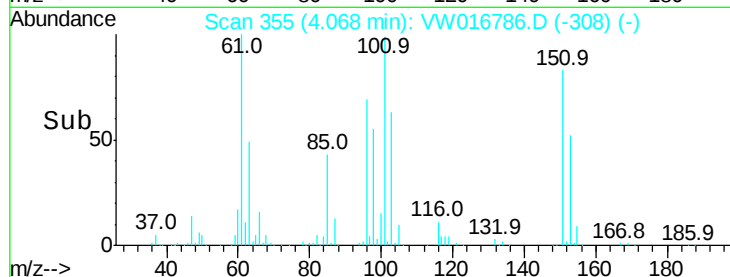
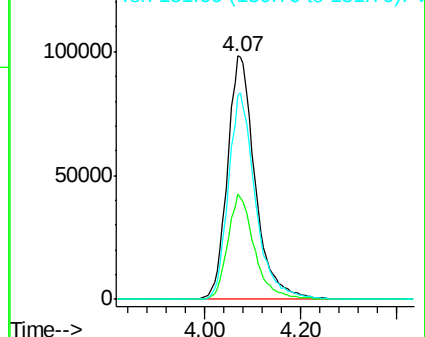
151 82.9 67.5 101.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 52.558 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW016786.D

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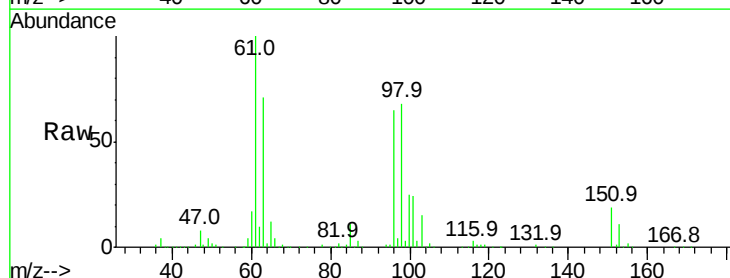
Tgt Ion: 96 Resp: 383911

Ion Ratio Lower Upper

96 100

61 154.5 104.9 194.9

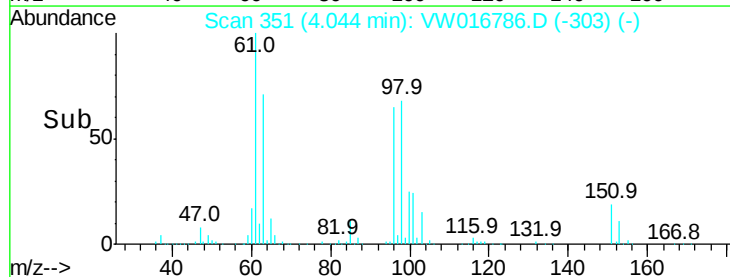
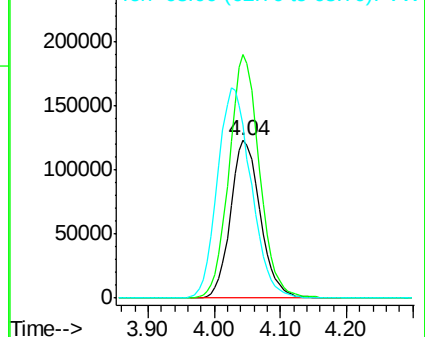
63 109.5 65.9 122.3

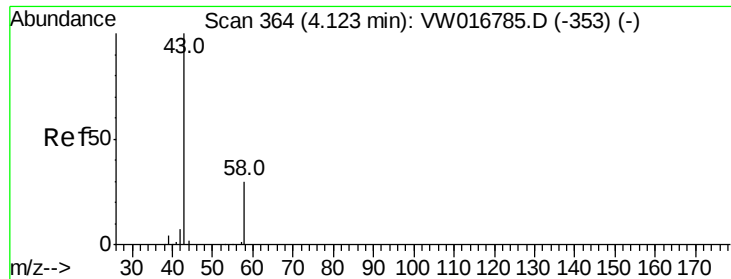


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 97.365 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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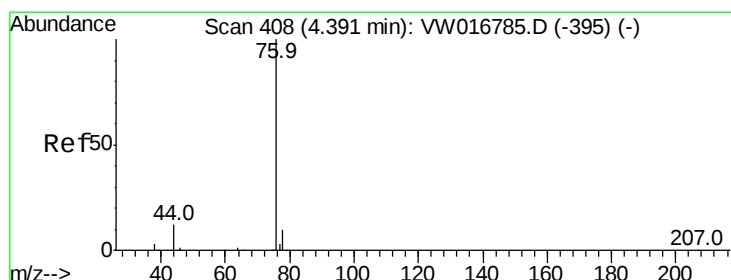
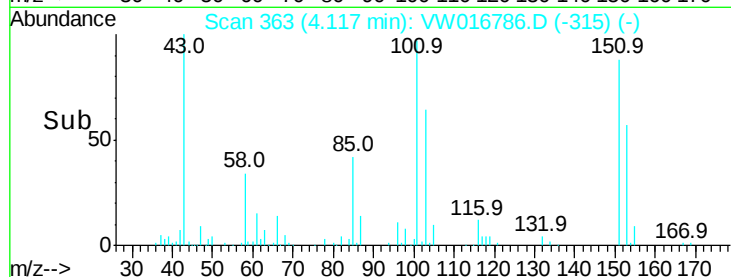
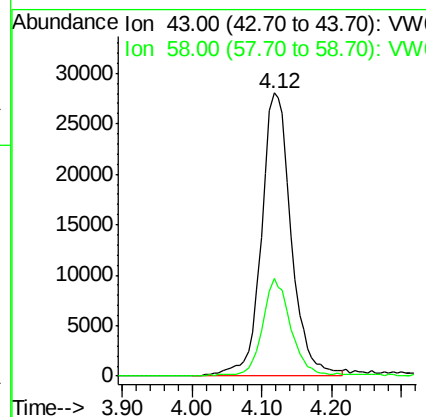
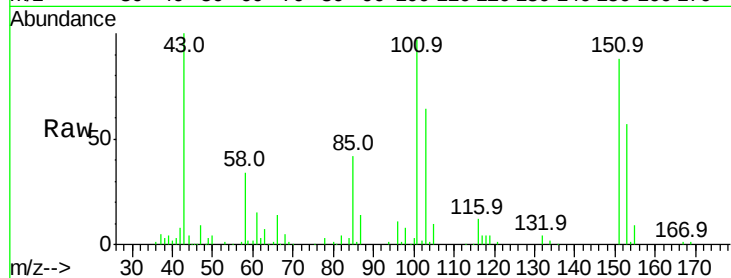
VSTD050104

Tgt Ion: 43 Resp: 83155

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#14

Carbon disulfide

Concen: 49.486 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016786.D

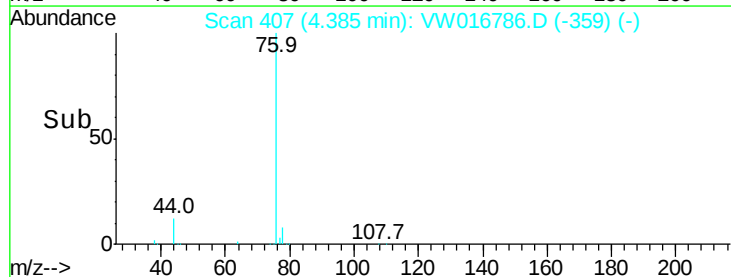
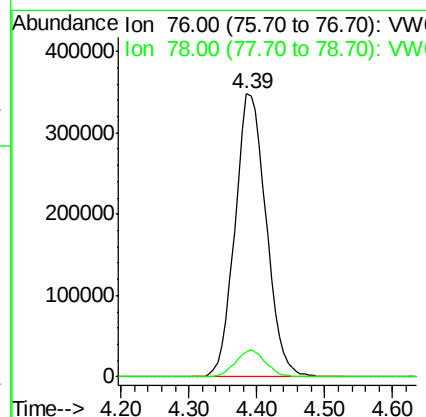
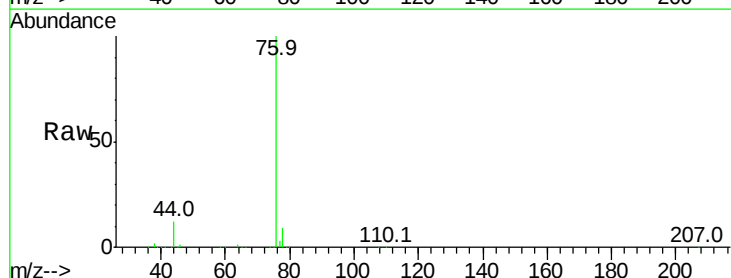
Acq: 06 Oct 2020 07:59

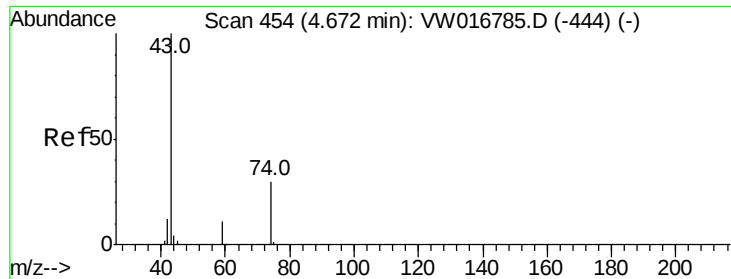
Tgt Ion: 76 Resp: 1104823

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

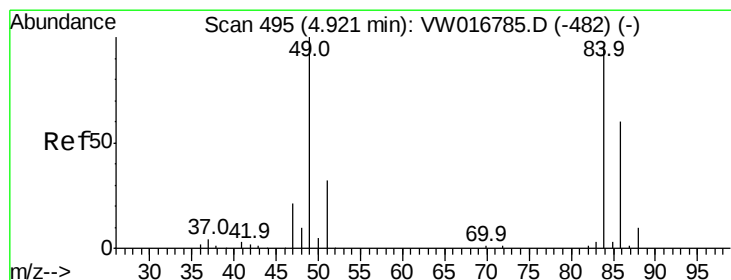
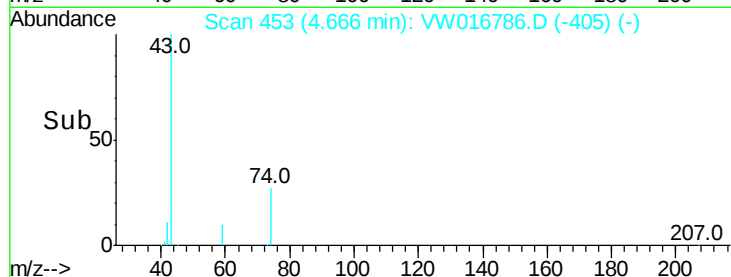
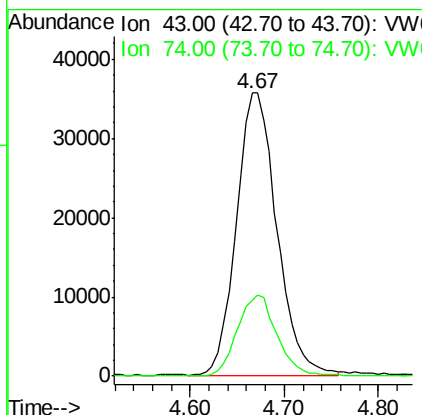
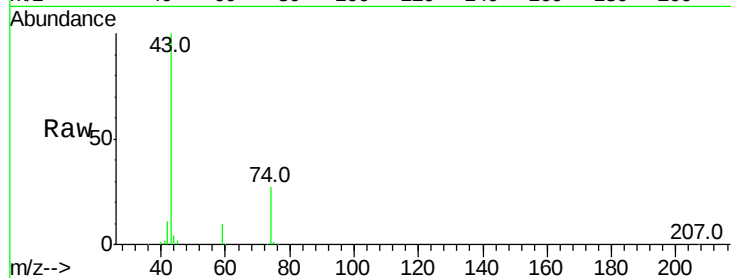




#15
Methyl Acetate
Concen: 49.816 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

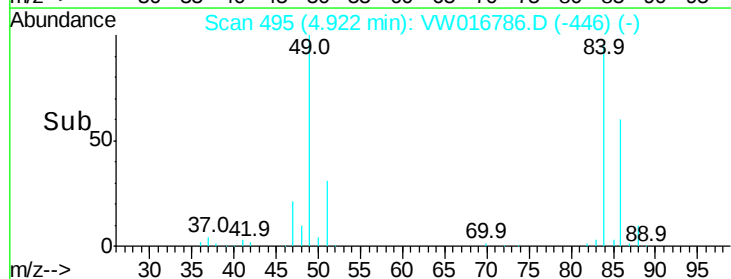
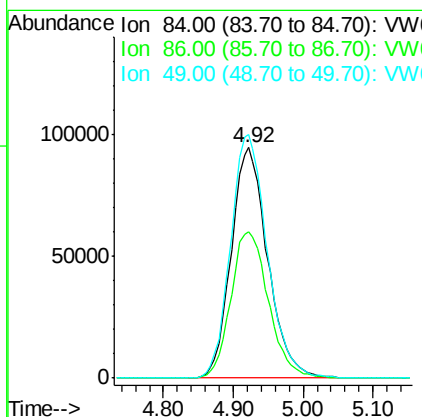
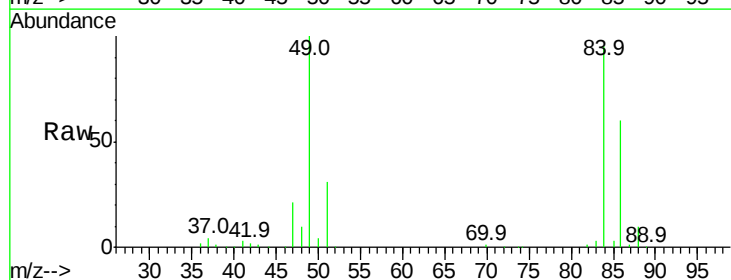
Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

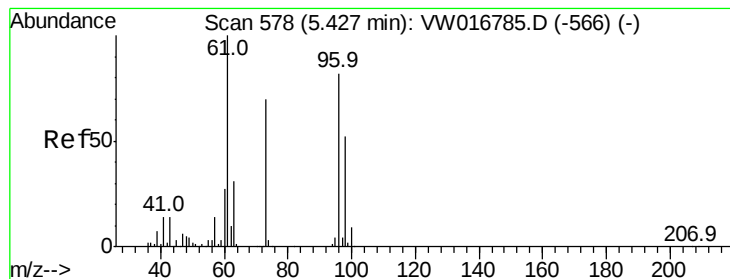
Tgt Ion: 43 Resp: 106800
Ion Ratio Lower Upper
43 100
74 28.2 22.7 34.1



#16
Methylene chloride
Concen: 41.724 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion: 84 Resp: 343008
Ion Ratio Lower Upper
84 100
86 63.6 44.3 82.3
49 105.5 73.3 136.1





#17

trans-1,2-Dichloroethene

Concen: 52.233 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

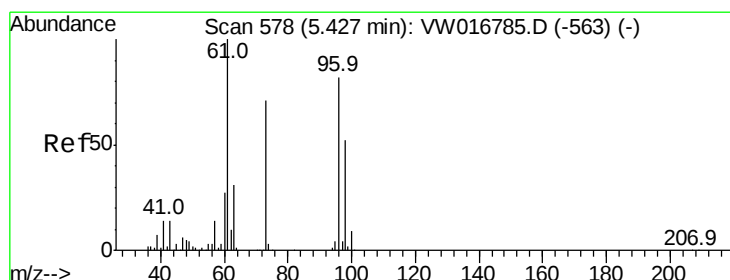
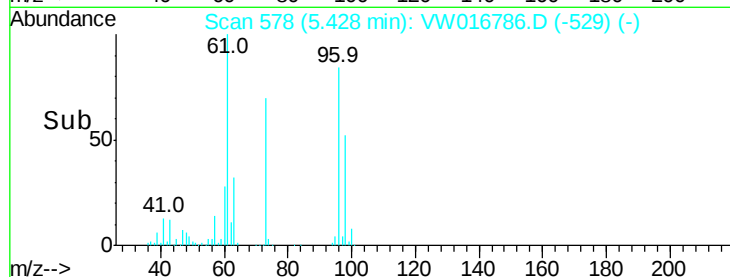
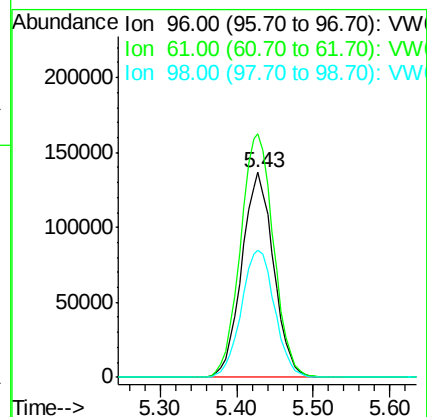
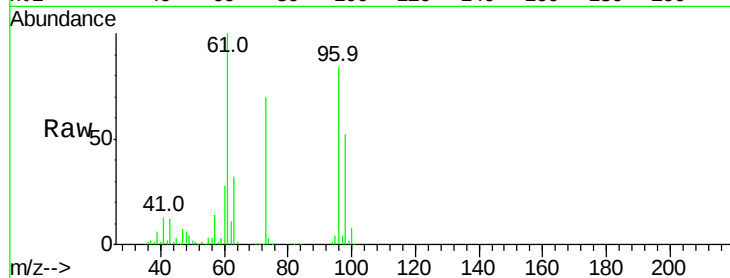
Tgt Ion: 96 Resp: 394963

Ion Ratio Lower Upper

96 100

61 118.8 85.3 158.5

98 62.2 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 47.408 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

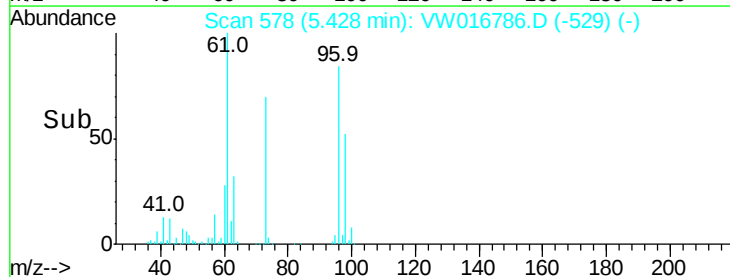
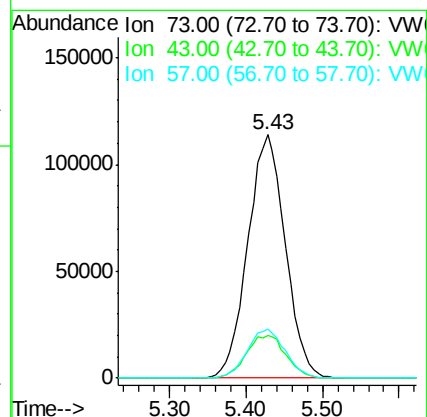
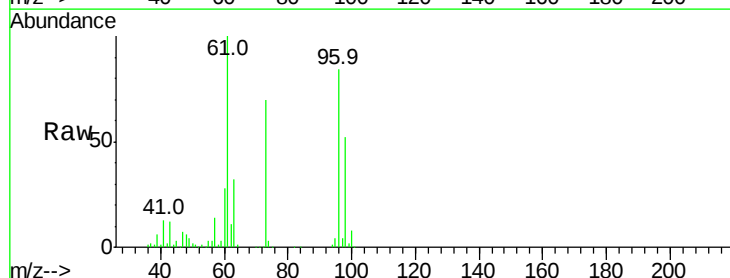
Tgt Ion: 73 Resp: 388792

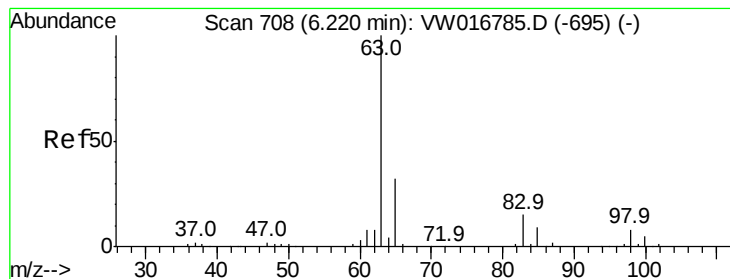
Ion Ratio Lower Upper

73 100

43 18.6 14.9 22.3

57 20.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 51.252 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

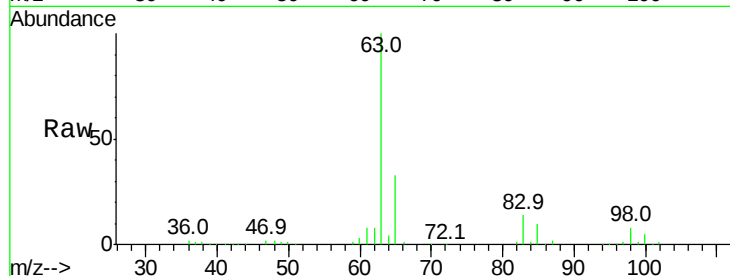
Tgt Ion: 63 Resp: 602451

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

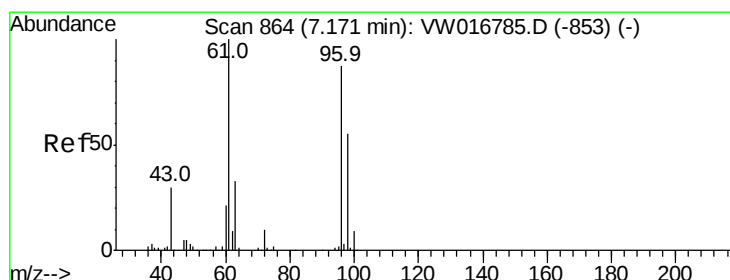
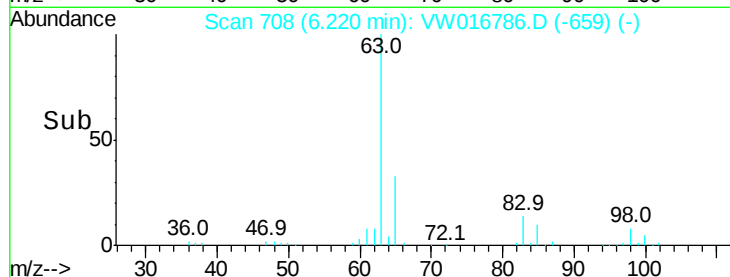
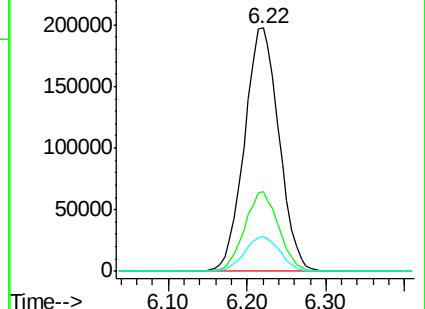
83 14.4 10.2 19.0



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#20

cis-1,2-Dichloroethene

Concen: 51.651 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

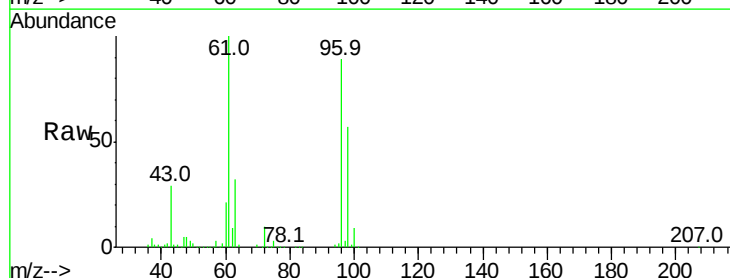
Tgt Ion: 96 Resp: 400327

Ion Ratio Lower Upper

96 100

61 112.0 80.3 149.1

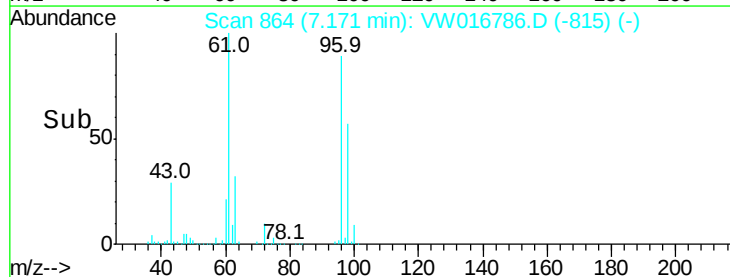
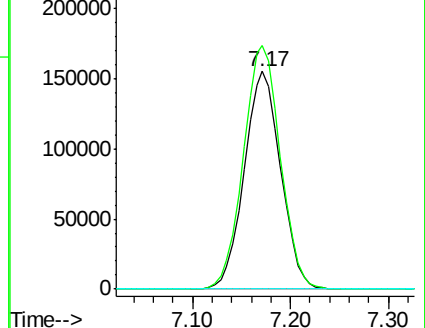
68 0.0 0.0 0.0

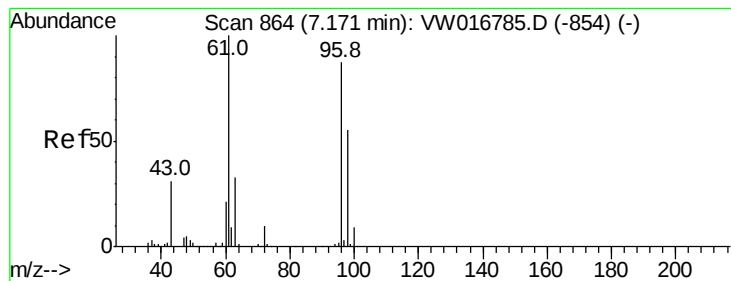


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 68.00 (67.70 to 68.70): VW





#22

2-Butanone

Concen: 91.151 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampled :

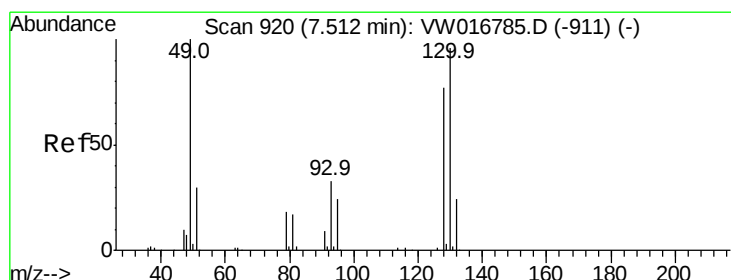
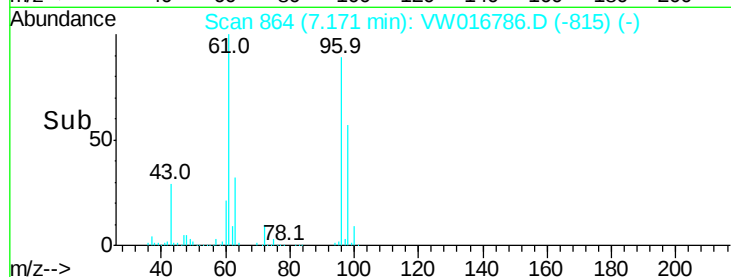
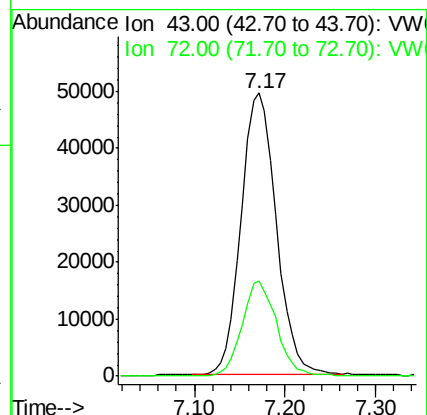
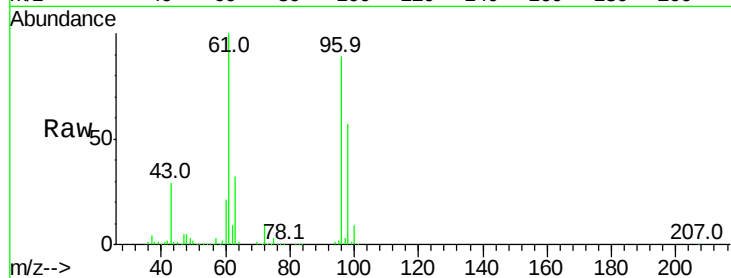
VSTD050104

Tgt Ion: 43 Resp: 133661

Ion Ratio Lower Upper

43 100

72 32.8 15.7 47.1



#23

Bromochloromethane

Concen: 49.791 ug/L

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Tgt Ion: 128 Resp: 181305

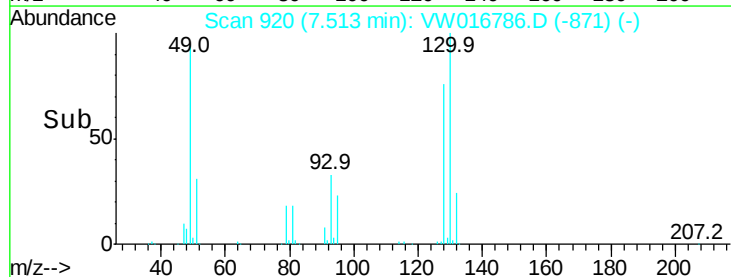
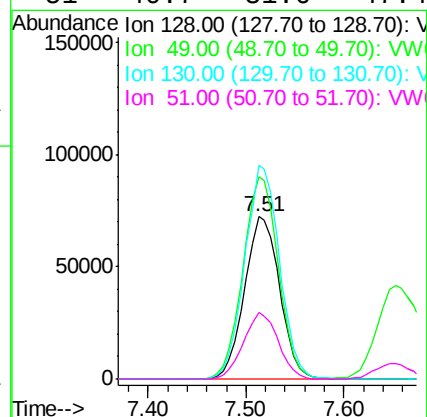
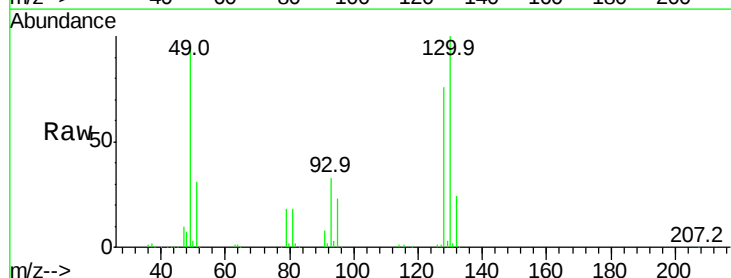
Ion Ratio Lower Upper

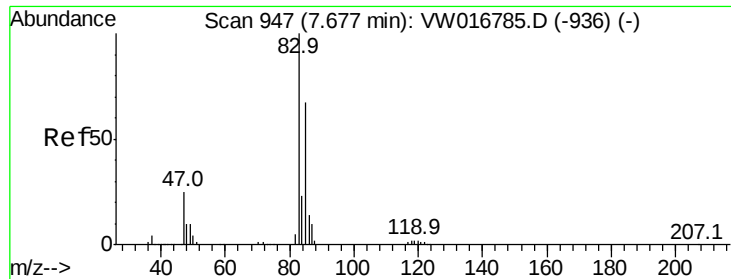
128 100

49 124.4 91.1 169.3

130 131.5 87.6 162.6

51 40.7 31.6 47.4

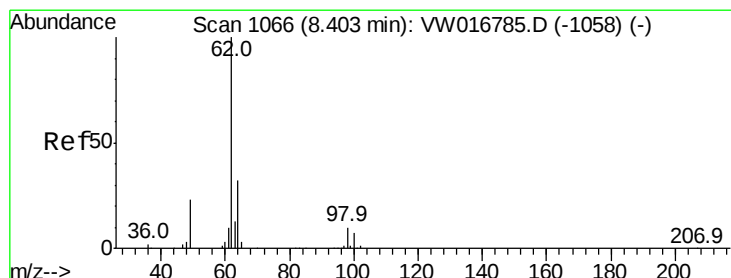
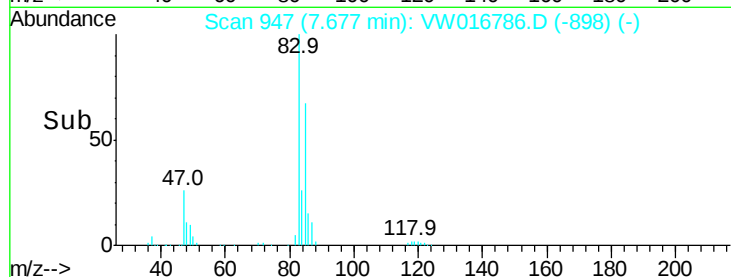
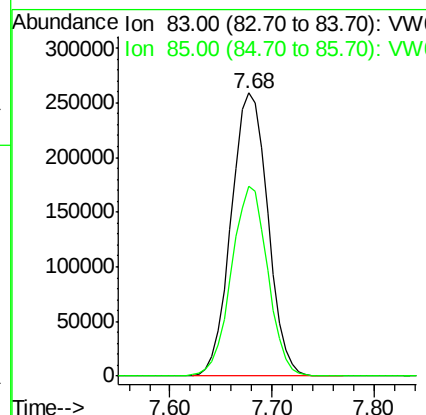
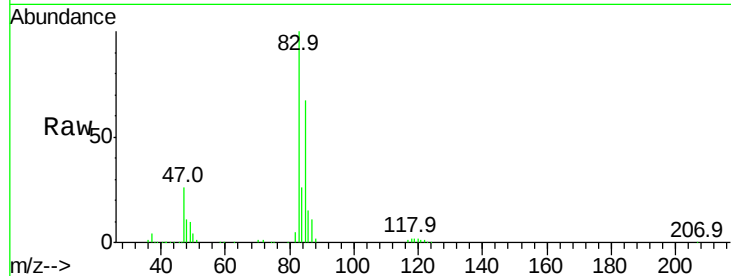




#25
Chloroform
Concen: 51.210 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

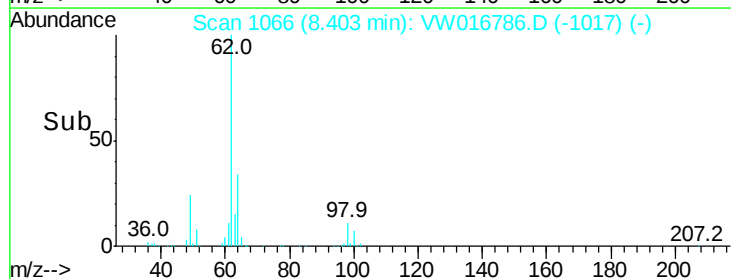
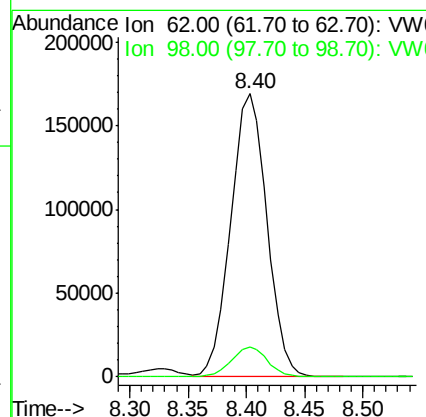
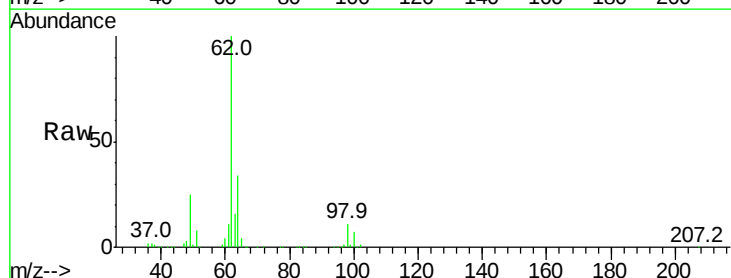
Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

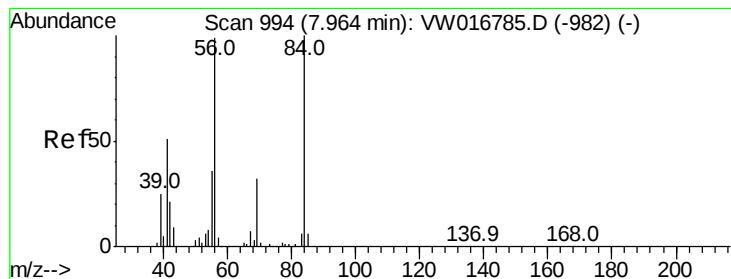
Tgt Ion: 83 Resp: 645893
Ion Ratio Lower Upper
83 100
85 67.1 46.9 87.1



#27
1,2-Dichloroethane
Concen: 49.084 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion: 62 Resp: 365664
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 52.000 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

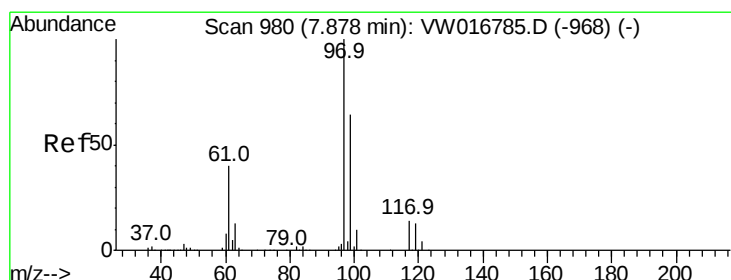
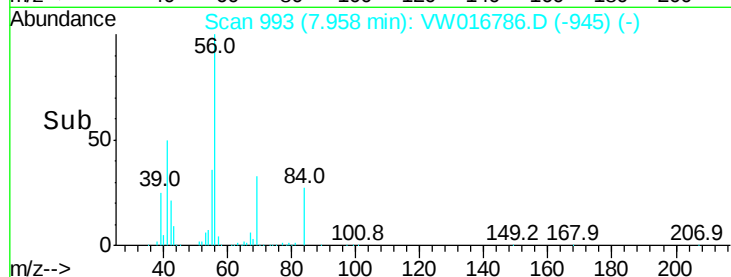
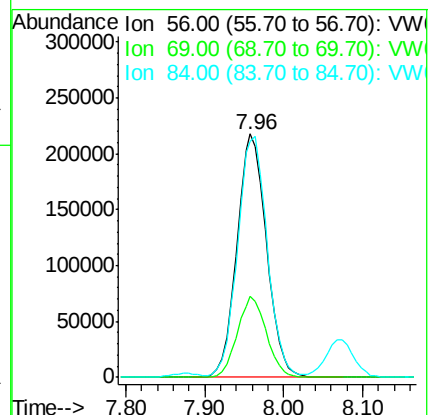
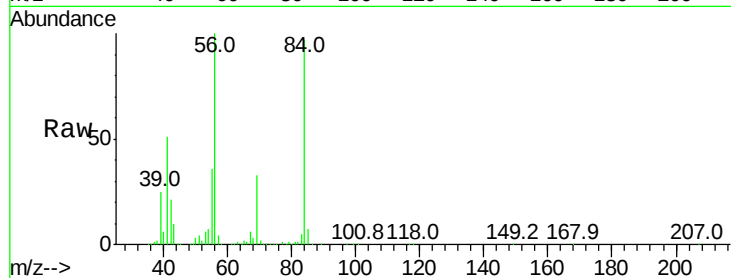
Tgt Ion: 56 Resp: 566250

Ion Ratio Lower Upper

56 100

69 32.8 26.3 39.5

84 99.7 81.1 121.7



#30

1,1,1-Trichloroethane

Concen: 49.640 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

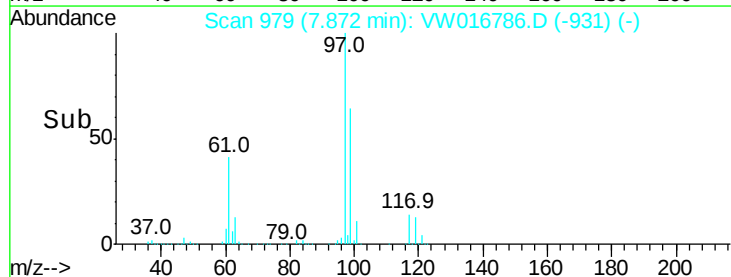
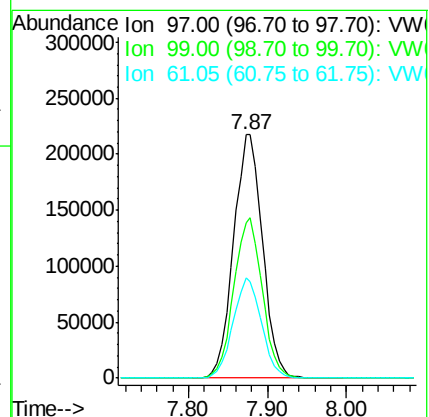
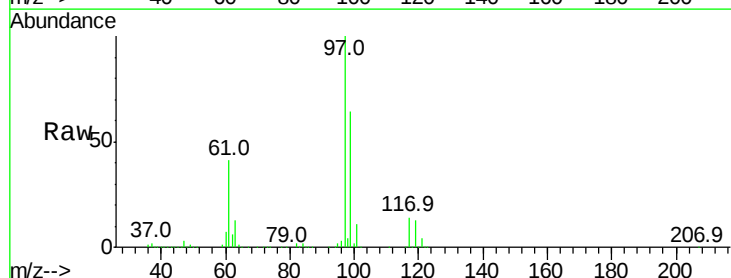
Tgt Ion: 97 Resp: 555543

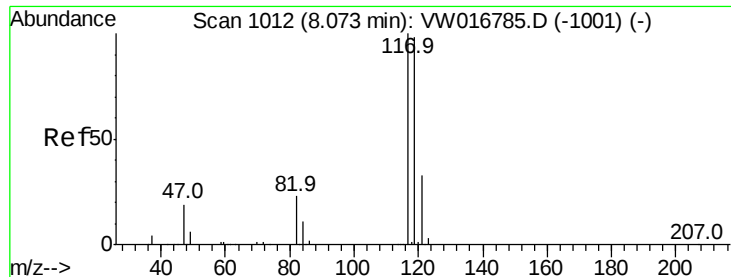
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 40.1 32.2 48.2





#31

Carbon tetrachloride

Concen: 50.699 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

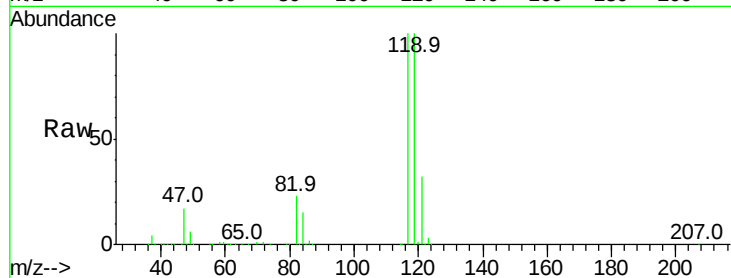
VSTD050104

Tgt Ion:117 Resp: 560334

Ion Ratio Lower Upper

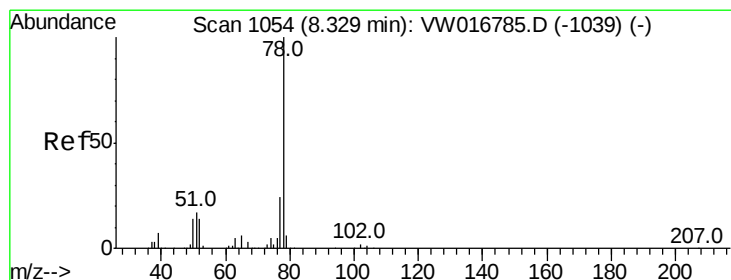
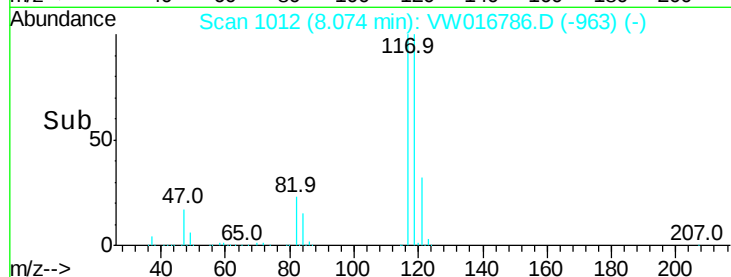
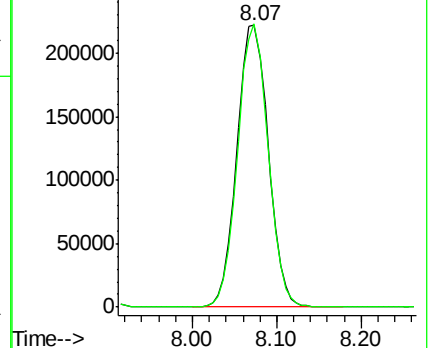
117 100

119 96.9 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.606 ug/L

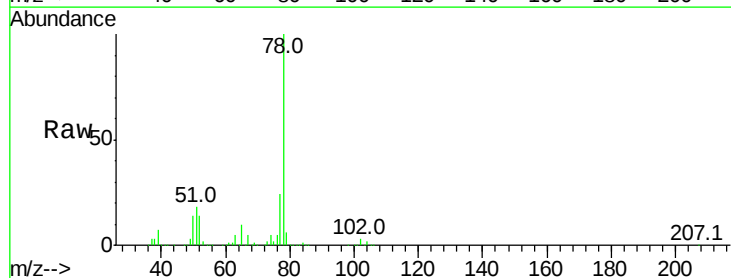
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

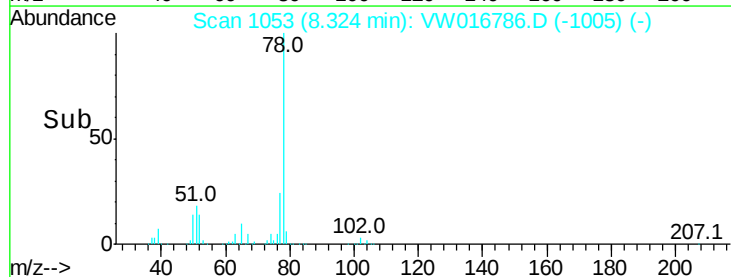
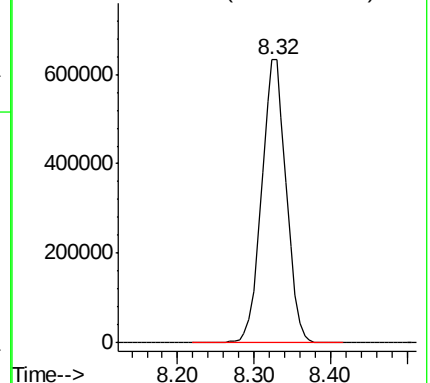
Lab File: VW016786.D

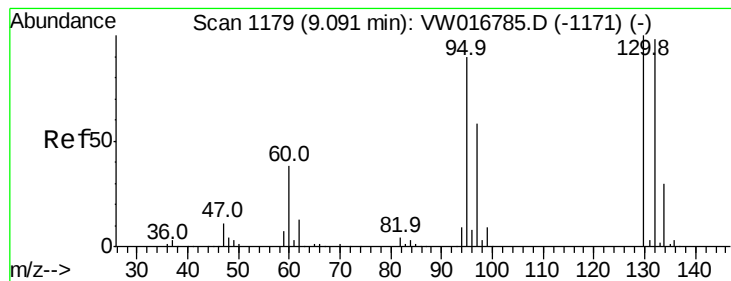
Acq: 06 Oct 2020 07:59

Tgt Ion: 78 Resp: 1419212



Abundance Ion 78.00 (77.70 to 78.70): VW





#34

Trichloroethene

Concen: 51.373 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

Tgt Ion: 95 Resp: 406043

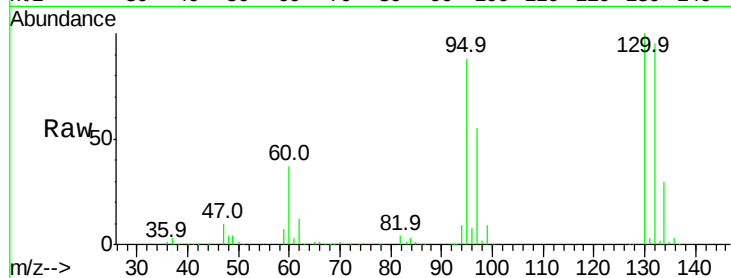
Ion Ratio Lower Upper

95 100

97 61.9 45.5 84.5

132 107.9 76.4 142.0

130 113.4 77.9 144.7

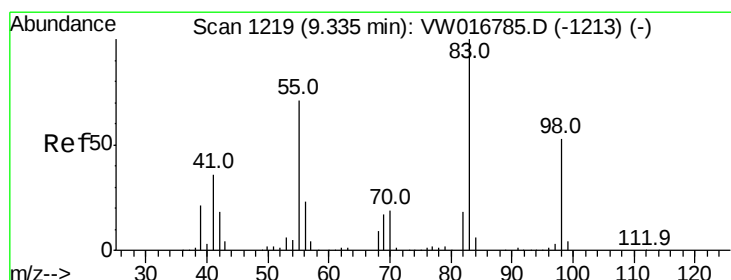
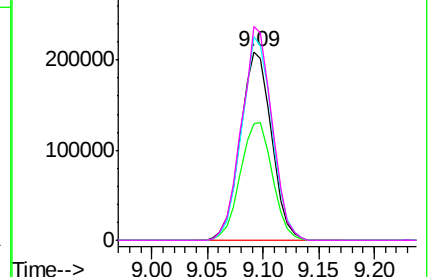
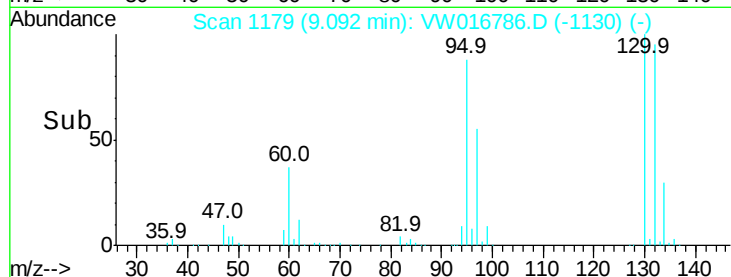


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 51.621 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

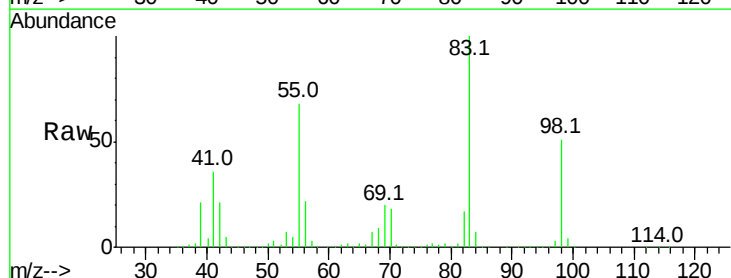
Tgt Ion: 83 Resp: 691489

Ion Ratio Lower Upper

83 100

55 68.2 55.4 83.2

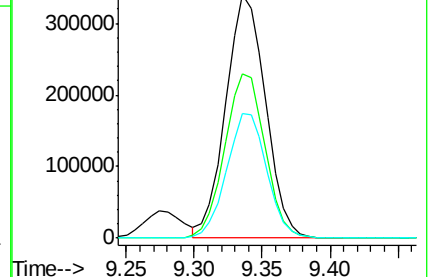
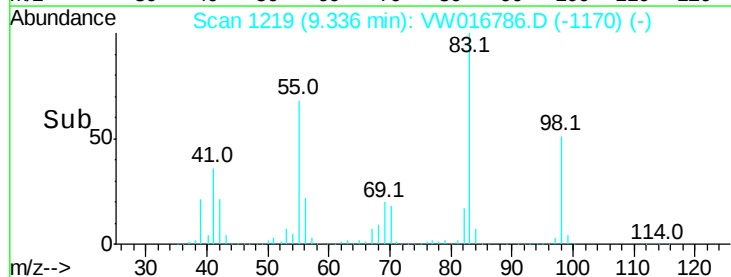
98 51.7 41.6 62.4

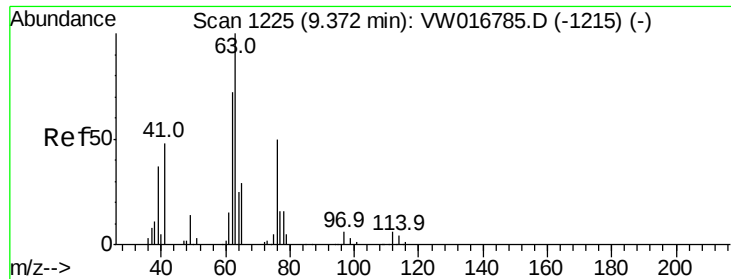


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#37

1,2-Dichloropropane

Concen: 49.933 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

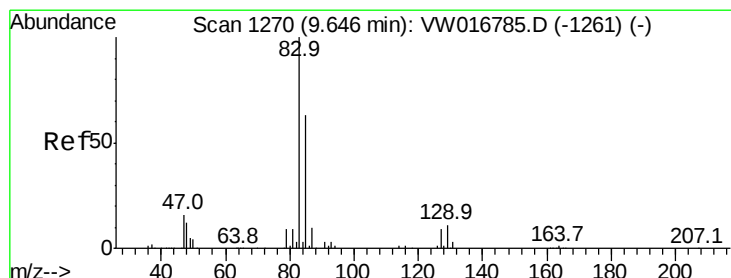
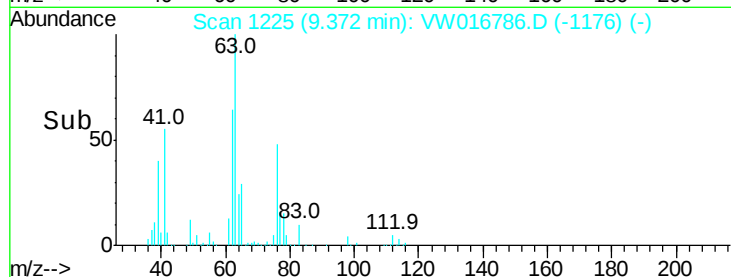
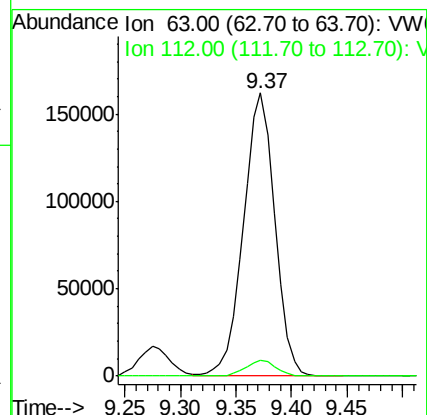
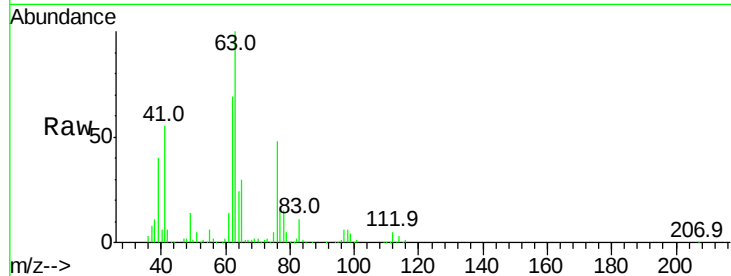
VSTD050104

Tgt Ion: 63 Resp: 317674

Ion Ratio Lower Upper

63 100

112 5.4 4.6 7.0



#38

Bromodichloromethane

Concen: 50.322 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

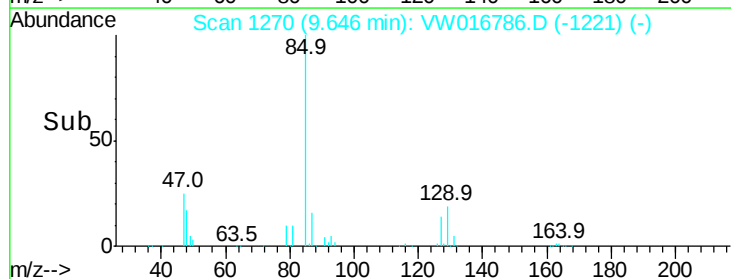
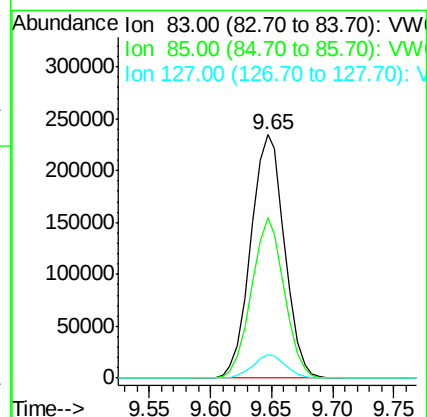
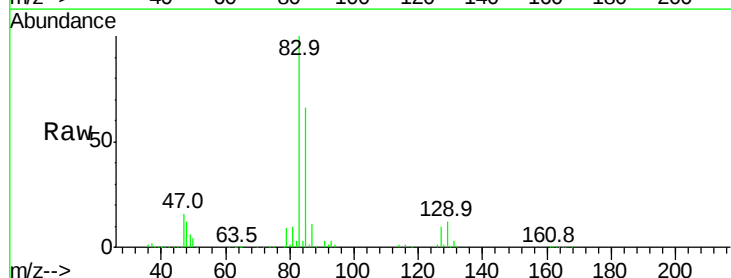
Tgt Ion: 83 Resp: 448980

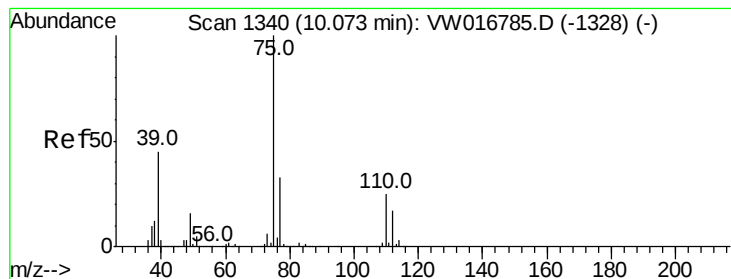
Ion Ratio Lower Upper

83 100

85 65.9 44.2 82.0

127 9.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 51.317 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

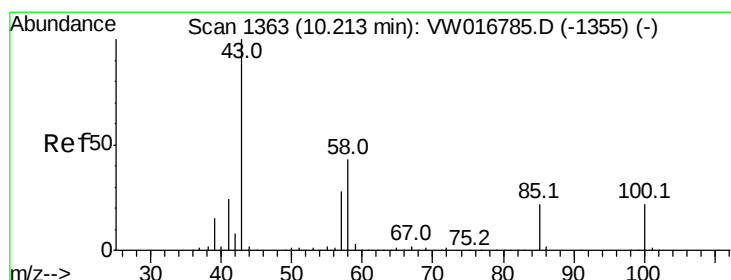
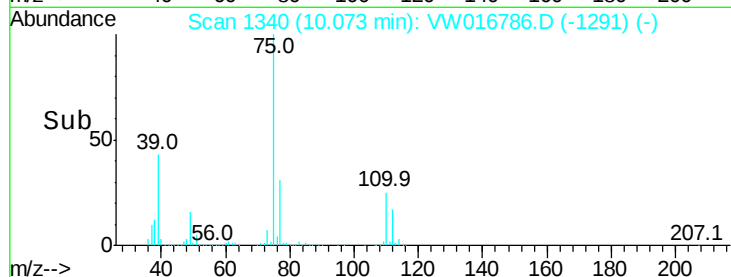
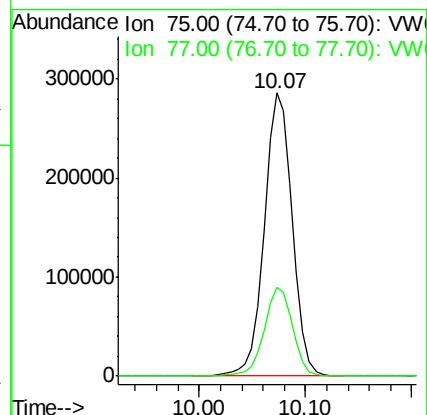
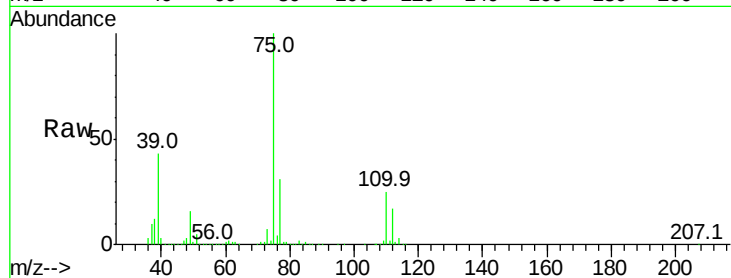
VSTD050104

Tgt Ion: 75 Resp: 524471

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 96.493 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

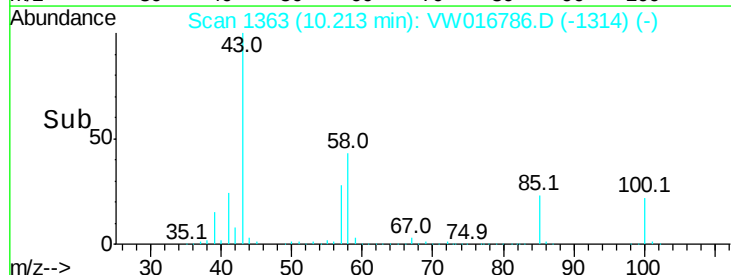
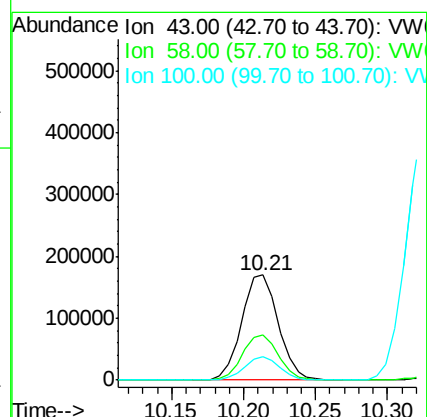
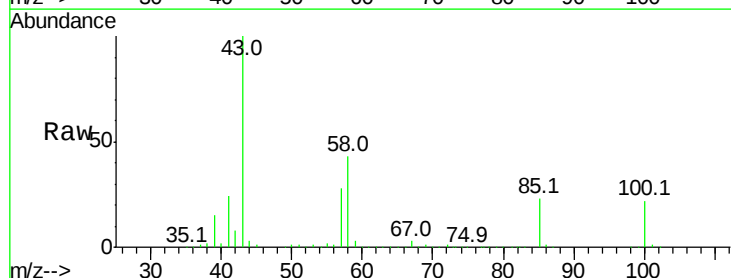
Tgt Ion: 43 Resp: 300461

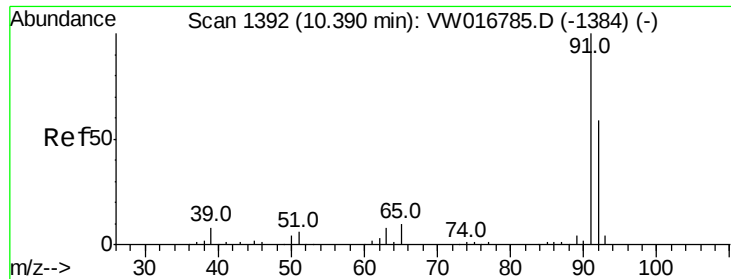
Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.2

100 21.0 16.6 25.0





#42

Toluene

Concen: 50.950 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampled :

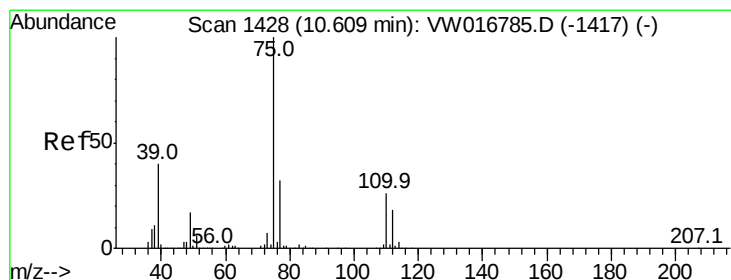
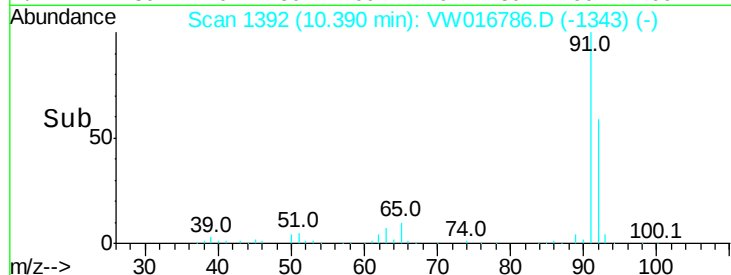
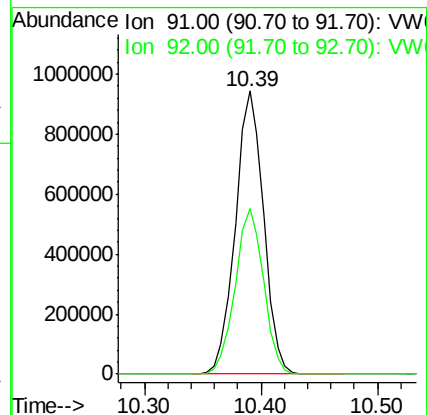
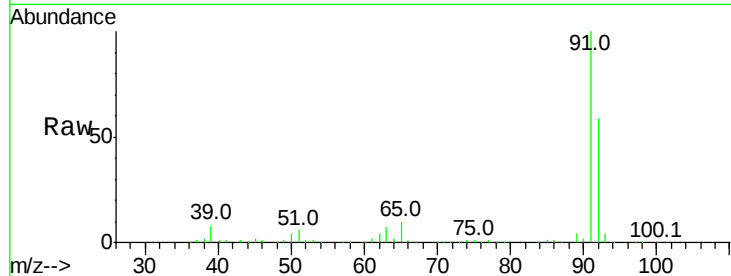
VSTD050104

Tgt Ion: 91 Resp: 1592085

Ion Ratio Lower Upper

91 100

92 58.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 50.935 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016786.D

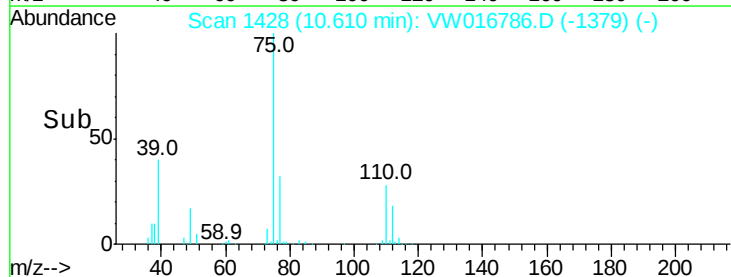
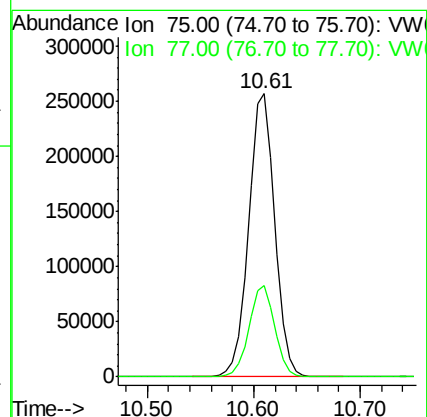
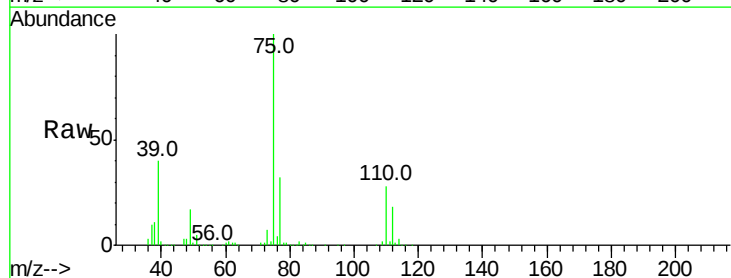
Acq: 06 Oct 2020 07:59

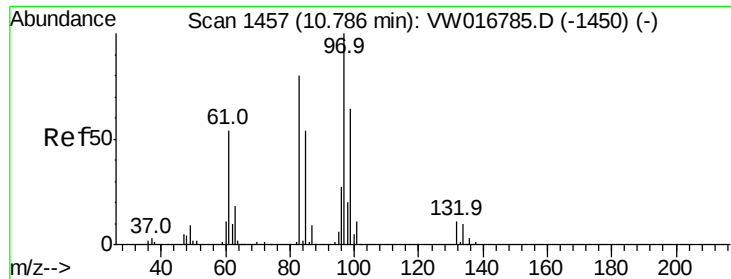
Tgt Ion: 75 Resp: 442108

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 49.322 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

Tgt Ion: 97 Resp: 251279

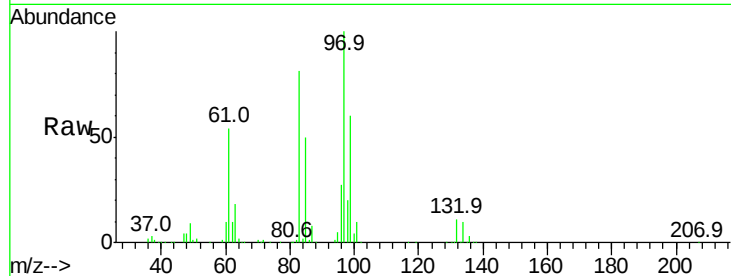
Ion Ratio Lower Upper

97 100

99 59.9 44.9 83.3

83 80.9 55.8 103.6

85 50.3 37.7 69.9

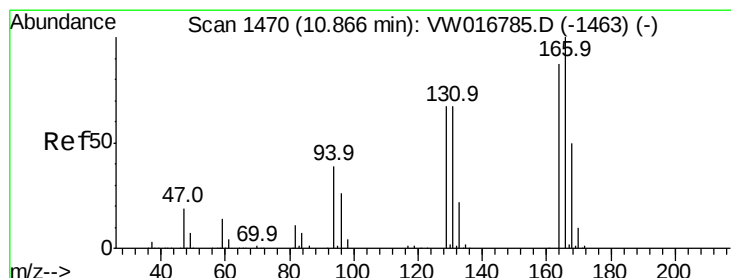
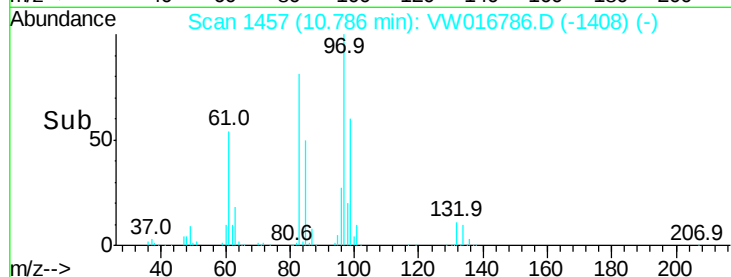
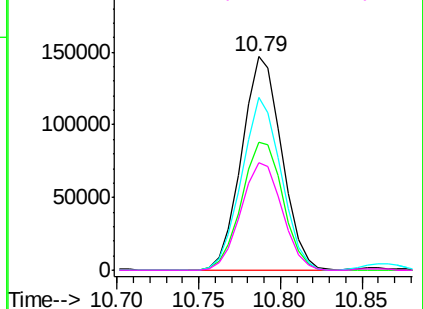


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 51.359 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Tgt Ion: 164 Resp: 371629

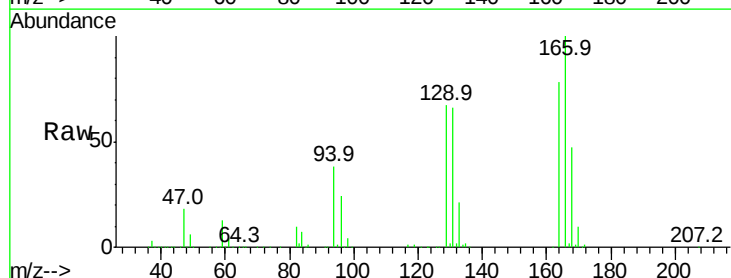
Ion Ratio Lower Upper

164 100

129 86.2 54.2 100.6

131 83.7 54.1 100.5

166 127.8 80.4 149.4

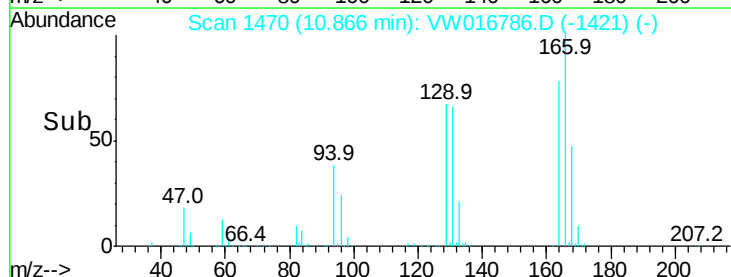
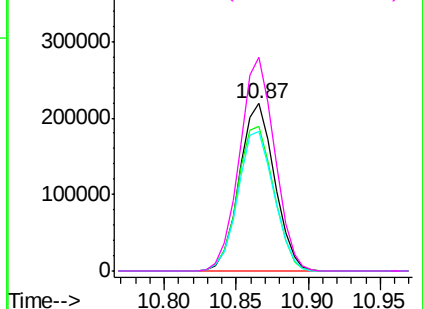


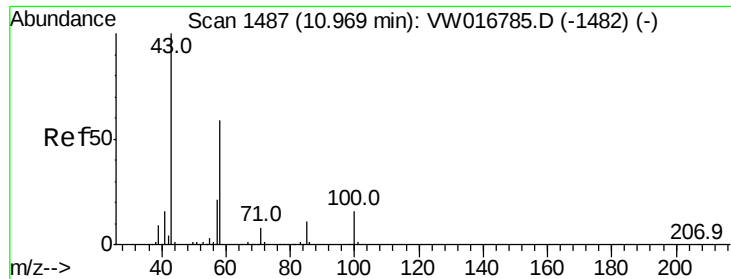
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

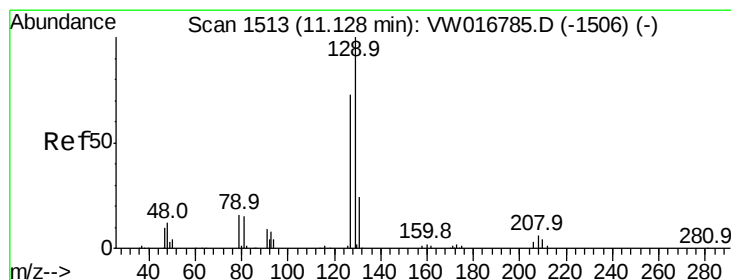
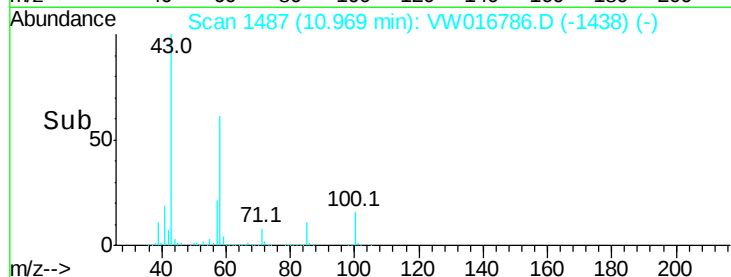
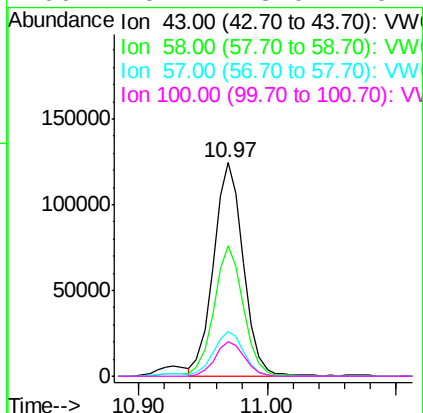
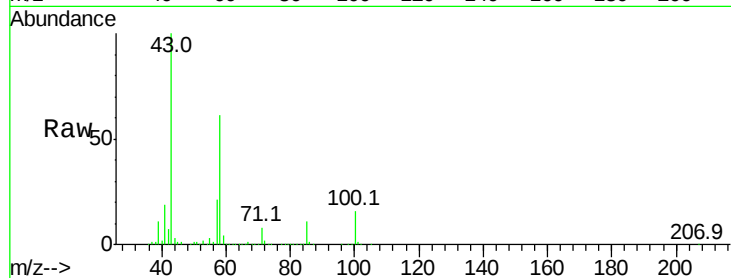




#48
2-Hexanone
Concen: 98.823 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

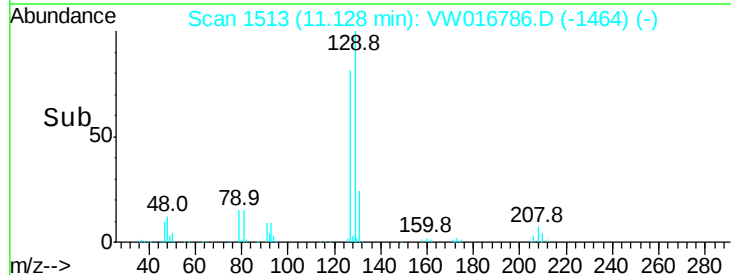
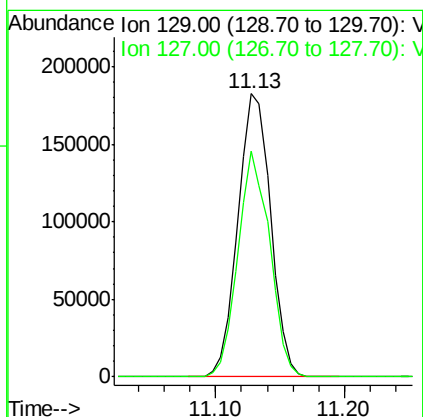
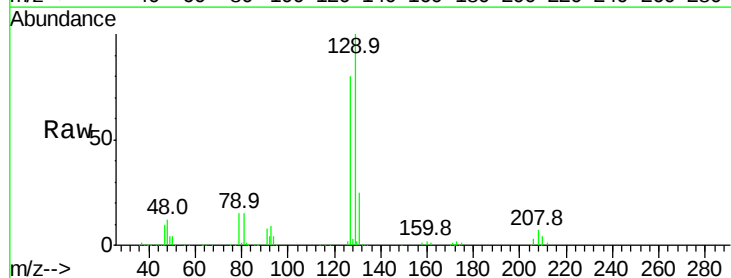
Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

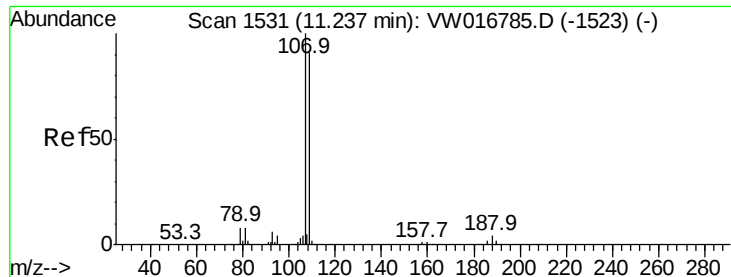
Tgt Ion:	43	Resp:	202207
Ion	Ratio	Lower	Upper
43	100		
58	59.7	46.7	70.1
57	21.1	16.9	25.3
100	16.4	13.0	19.4



#49
Dibromochloromethane
Concen: 49.662 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion:	129	Resp:	321654
Ion	Ratio	Lower	Upper
129	100		
127	79.8	50.8	94.4

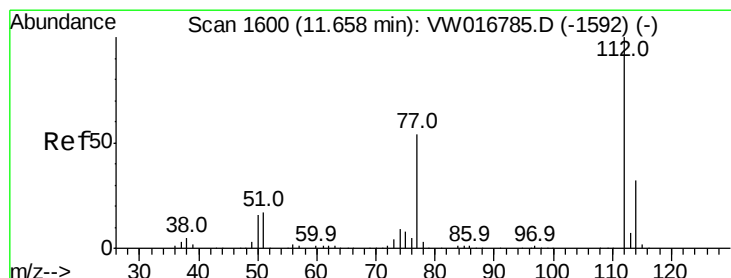
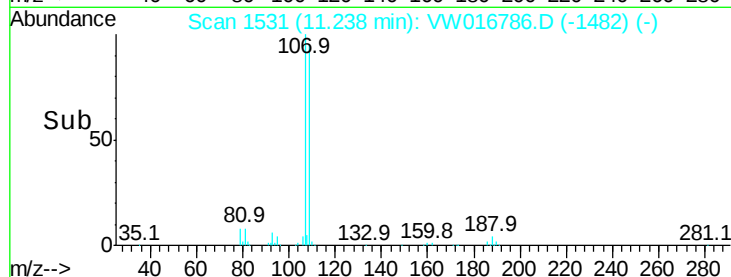
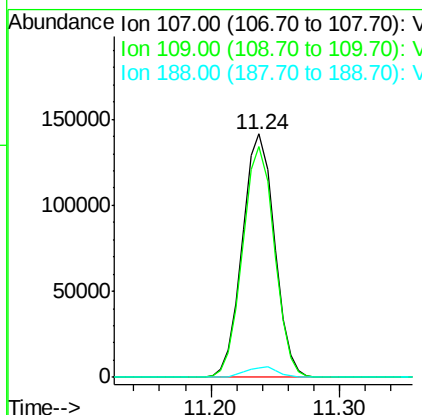
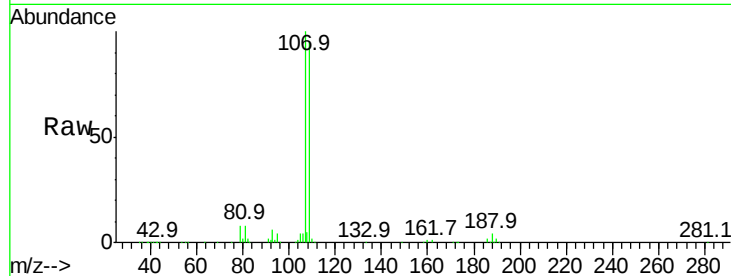




#50
1,2-Dibromoethane
Concen: 48.985 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

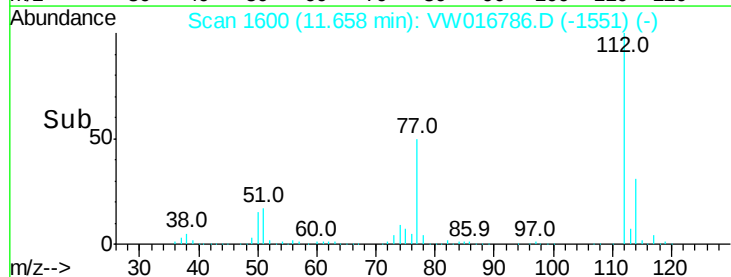
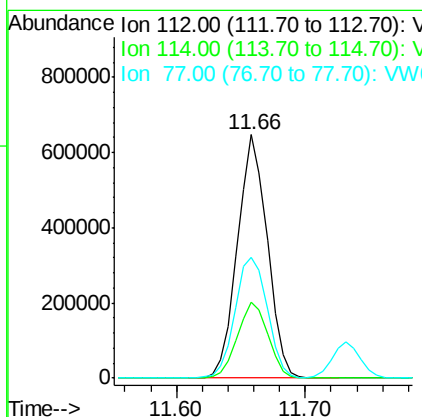
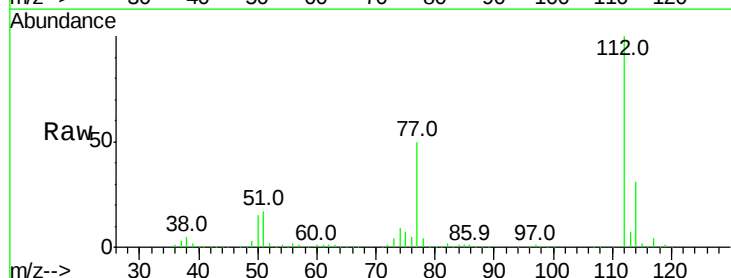
Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

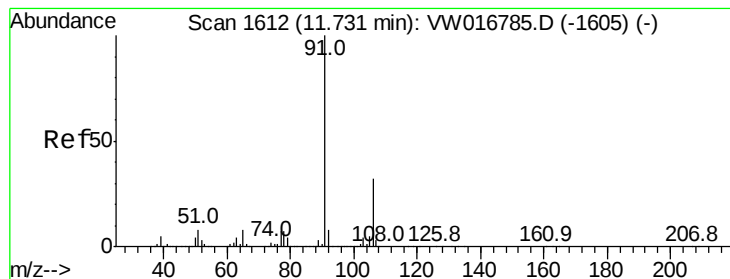
Tgt Ion:107 Resp: 244165
Ion Ratio Lower Upper
107 100
109 94.8 63.6 118.0
188 3.8 3.3 4.9



#51
Chlorobenzene
Concen: 50.101 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion:112 Resp: 1038698
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.5
77 49.7 43.6 65.4





#52

Ethylbenzene

Concen: 51.503 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

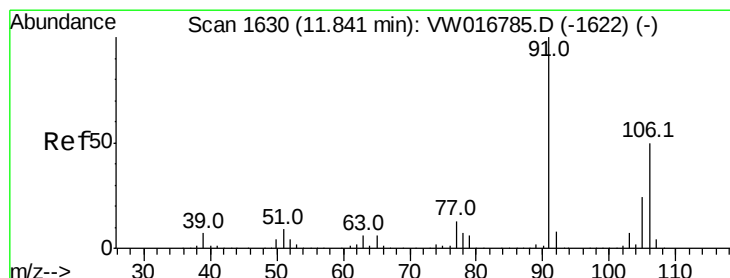
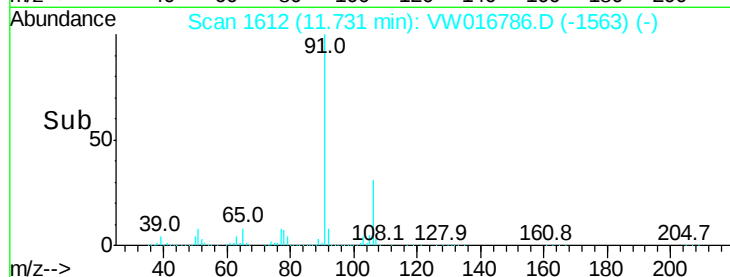
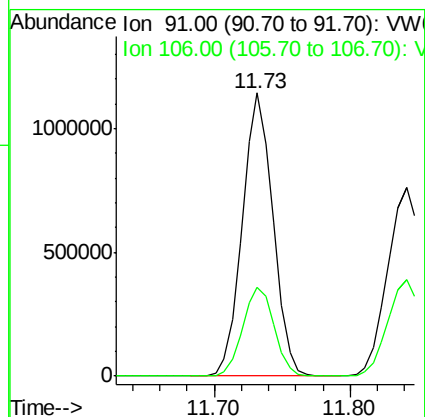
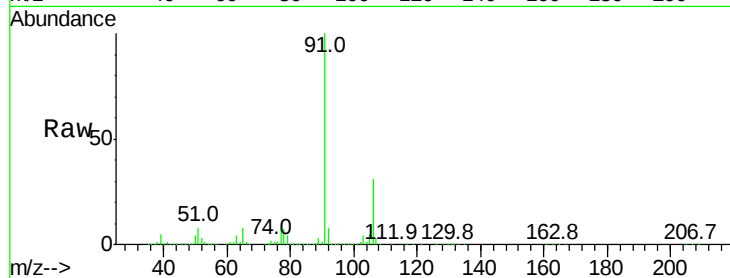
VSTD050104

Tgt Ion: 91 Resp: 1796949

Ion Ratio Lower Upper

91 100

106 31.3 22.3 41.5



#53

m,p-Xylene

Concen: 52.066 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016786.D

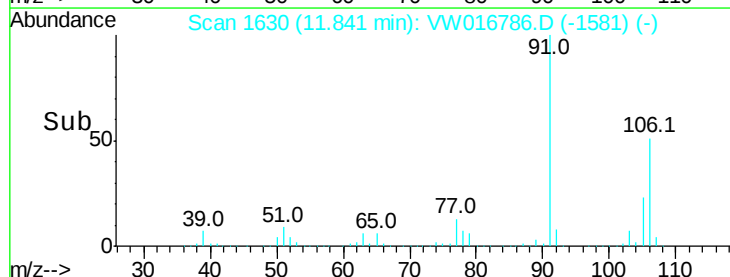
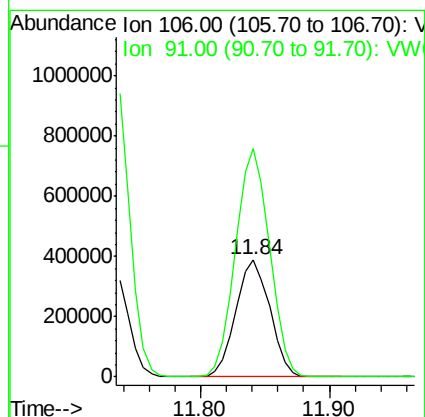
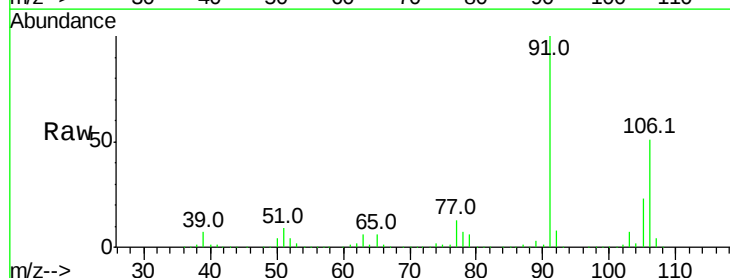
Acq: 06 Oct 2020 07:59

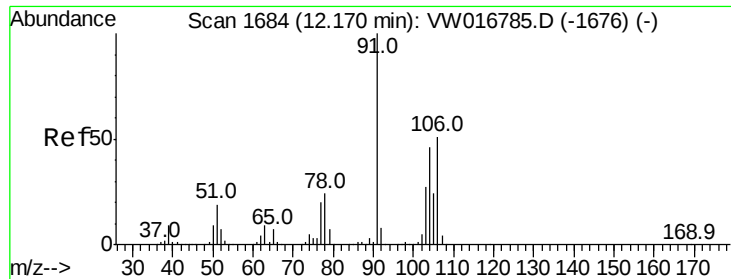
Tgt Ion: 106 Resp: 712198

Ion Ratio Lower Upper

106 100

91 195.2 138.7 257.7

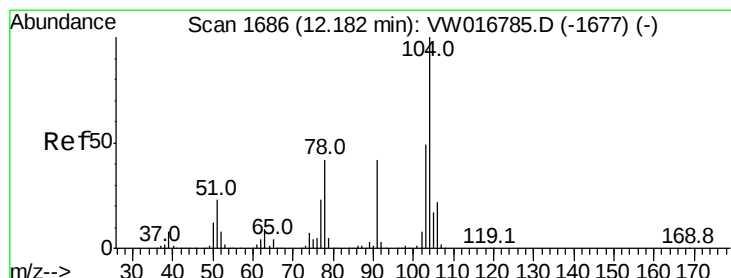
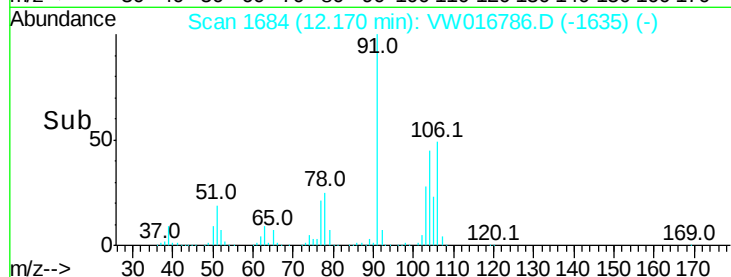
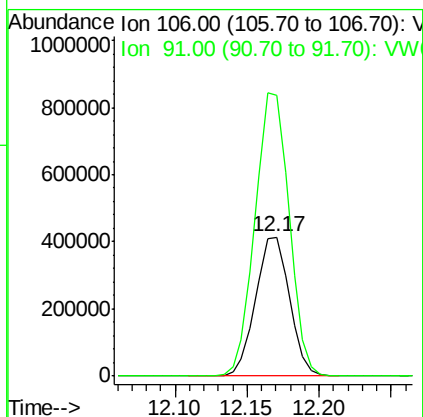
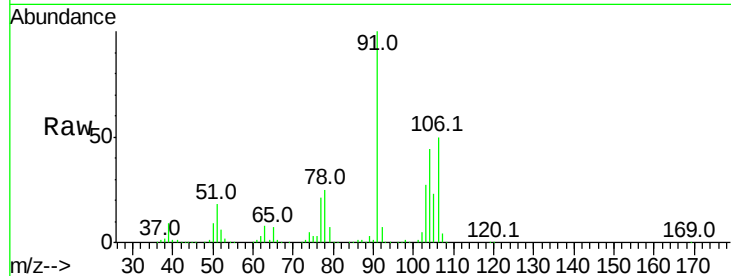




#54
o-Xylene
Concen: 52.343 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

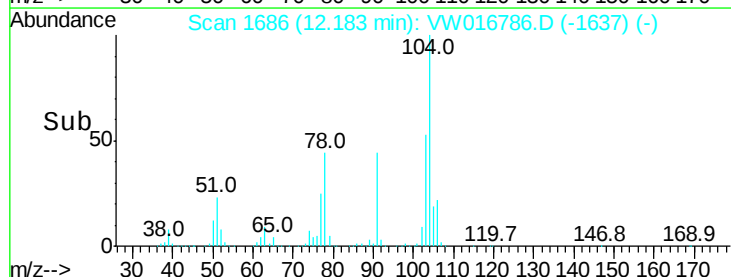
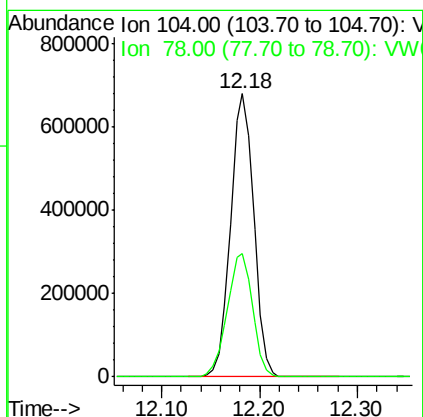
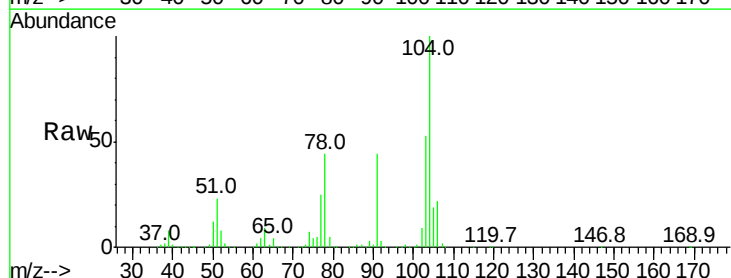
Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

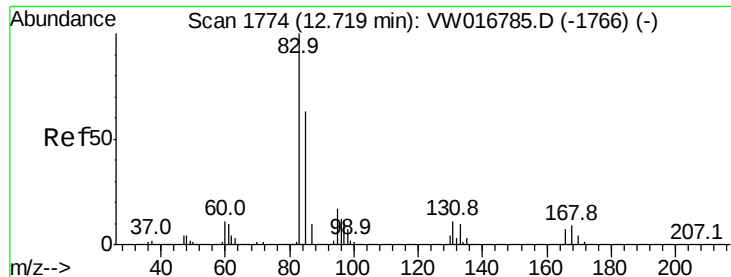
Tgt Ion:106 Resp: 675043
Ion Ratio Lower Upper
106 100
91 201.9 136.2 252.9



#55
Styrene
Concen: 52.250 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion:104 Resp: 1119116
Ion Ratio Lower Upper
104 100
78 43.7 29.5 54.9

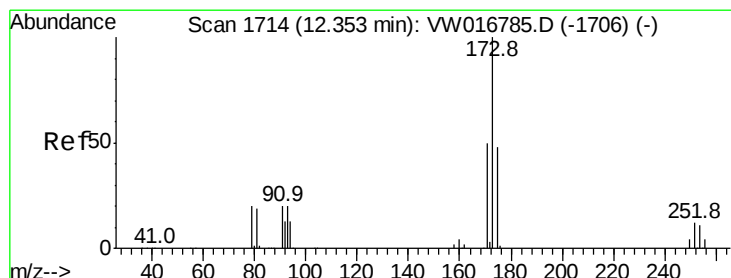
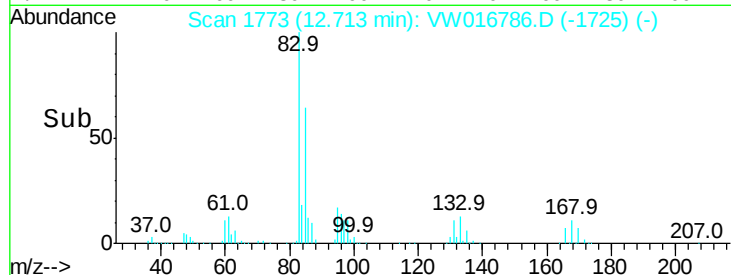
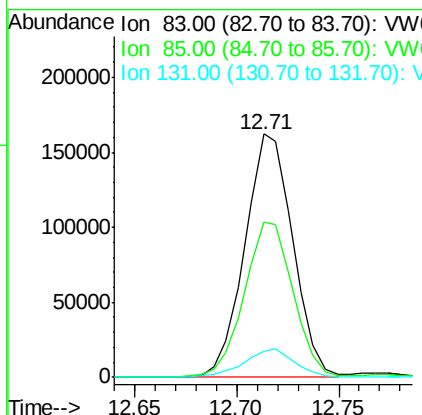
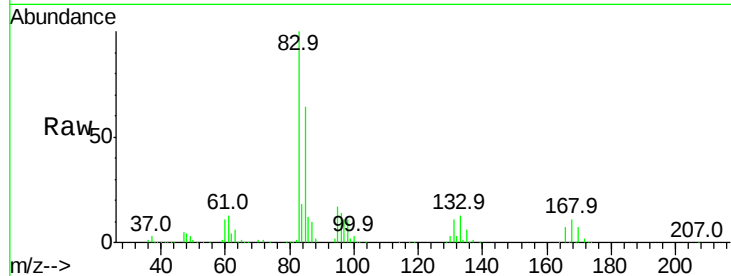




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.406 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

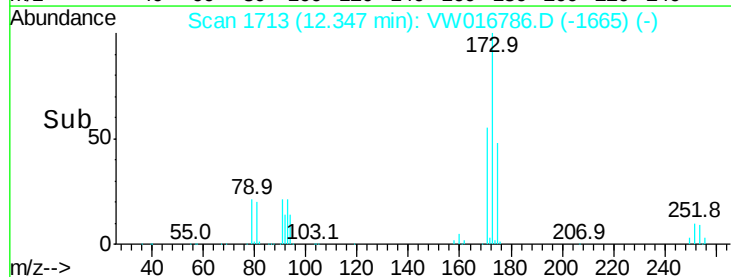
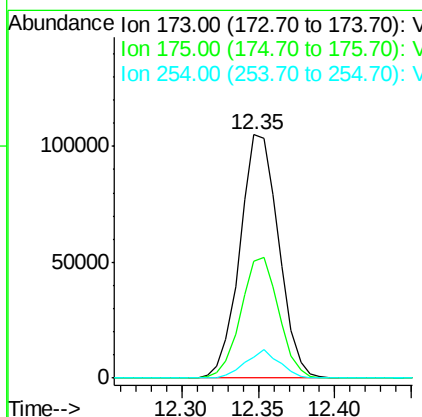
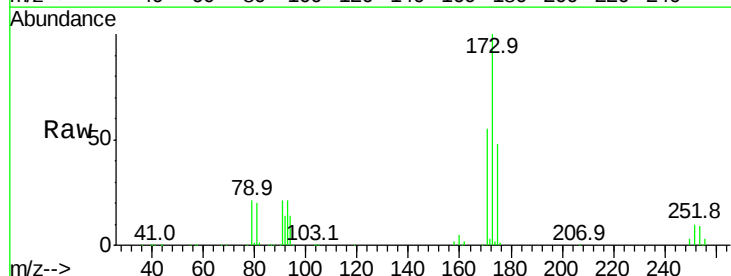
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

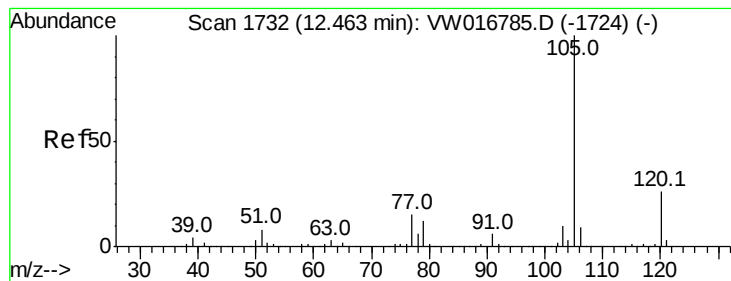
Tgt Ion: 83 Resp: 265306
 Ion Ratio Lower Upper
 83 100
 85 63.7 43.9 81.5
 131 10.9 8.8 13.2



#59
 Bromoform
 Concen: 48.240 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

Tgt Ion: 173 Resp: 185028
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.5 57.7
 254 10.6 8.2 12.2





#60

Isopropylbenzene

Concen: 50.372 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD050104

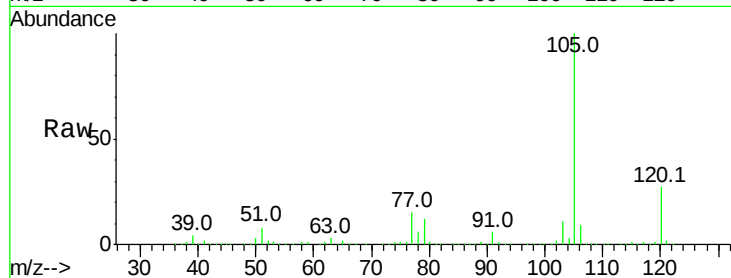
Tgt Ion:105 Resp: 1847085

Ion Ratio Lower Upper

105 100

120 27.0 21.5 32.3

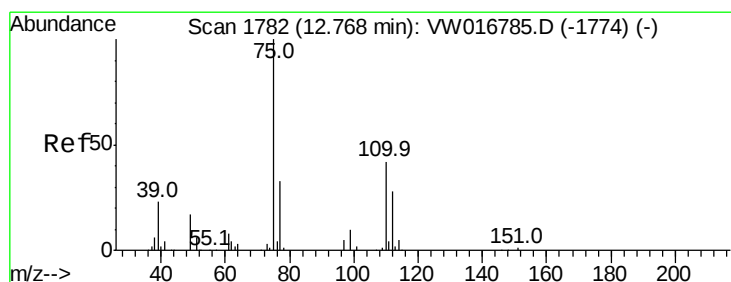
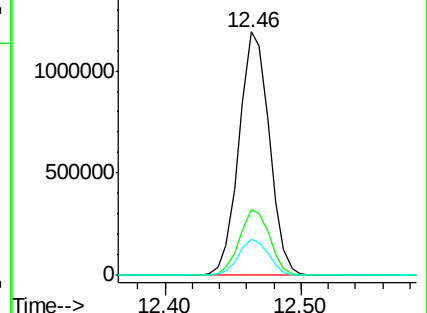
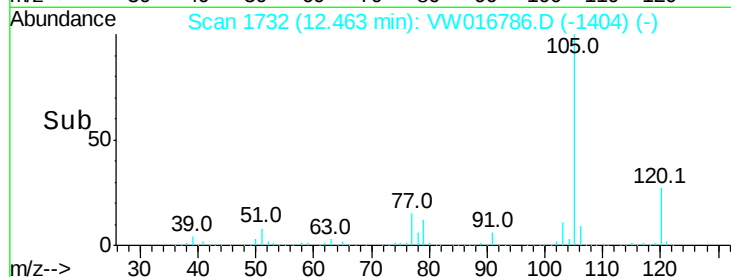
77 14.6 11.8 17.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 44.996 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

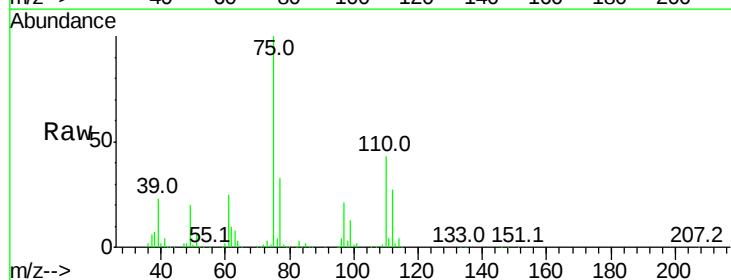
Tgt Ion: 75 Resp: 187779

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

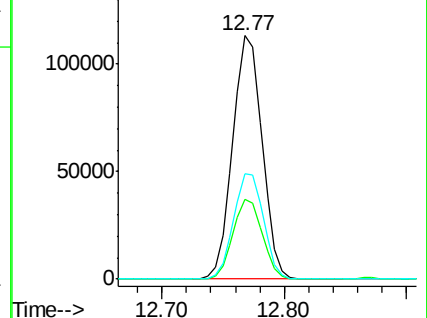
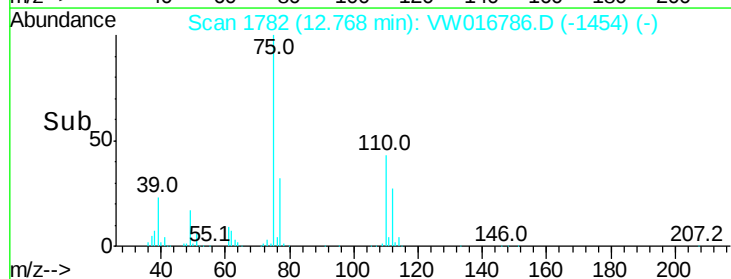
110 44.0 35.1 52.7

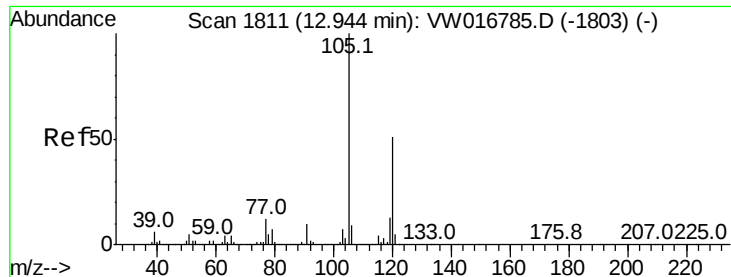


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 51.753 ug/L

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016786.D

Acq: 06 Oct 2020 07:59

Instrument :

MSVOA_W

ClientSampleId :

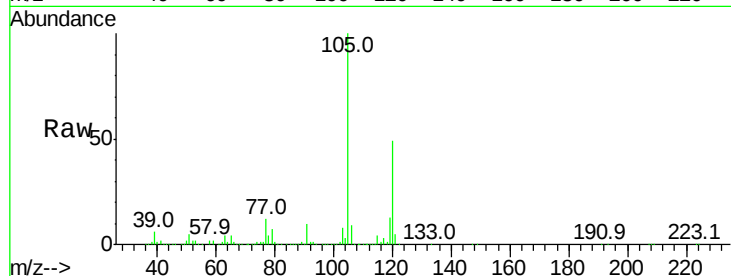
VSTD050104

Tgt Ion:105 Resp: 1546703

Ion Ratio Lower Upper

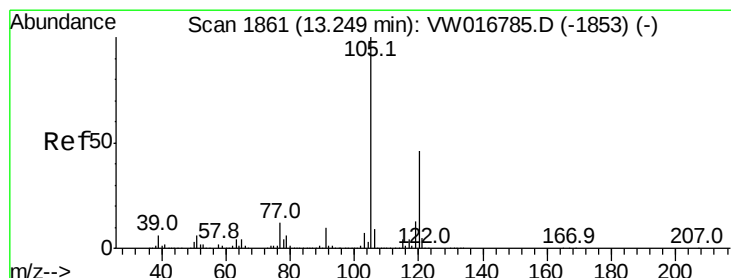
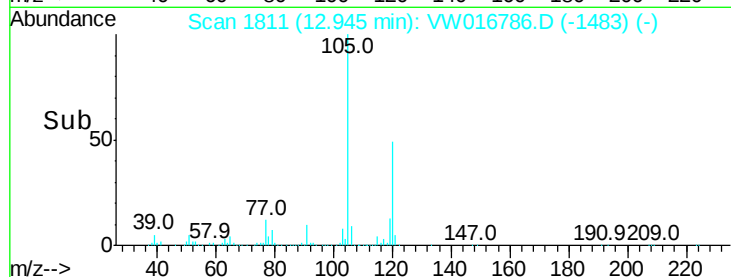
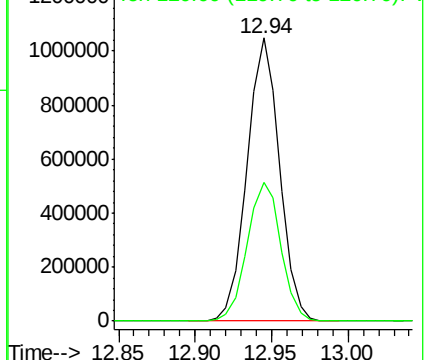
105 100

120 50.7 41.0 61.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 51.829 ug/L

RT: 13.26 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VW016786.D

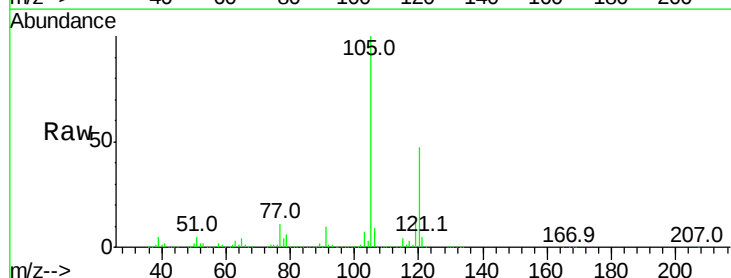
Acq: 06 Oct 2020 07:59

Tgt Ion:105 Resp: 1447509

Ion Ratio Lower Upper

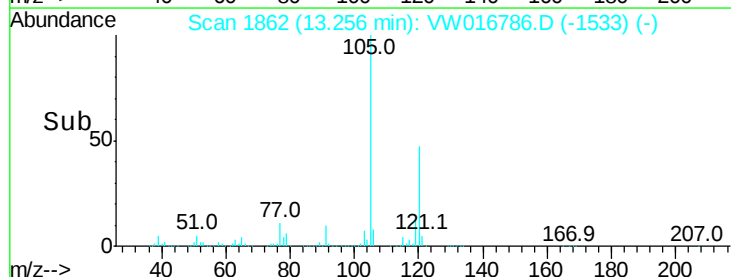
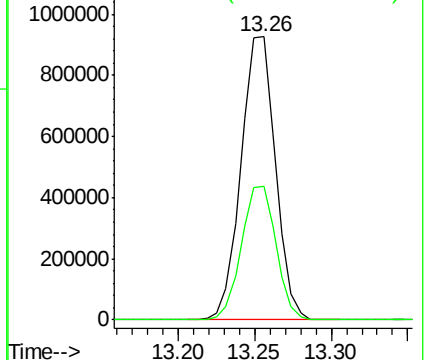
105 100

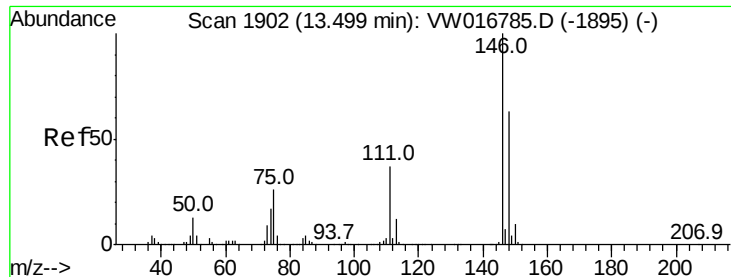
120 47.5 37.9 56.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

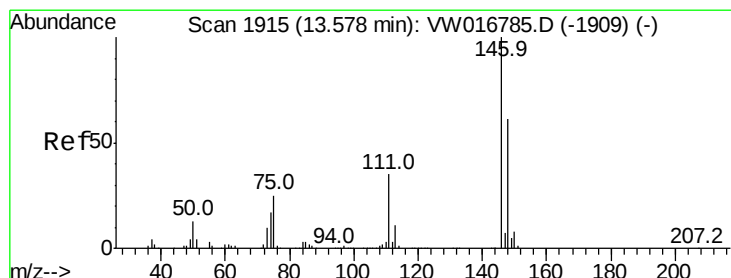
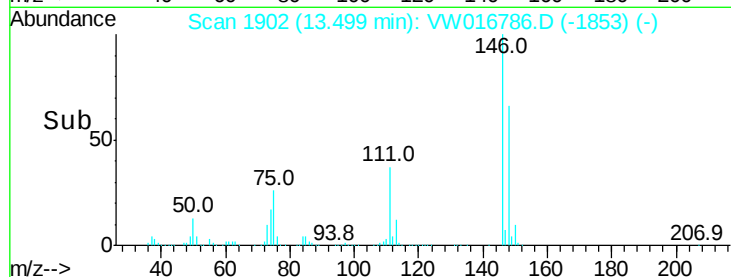
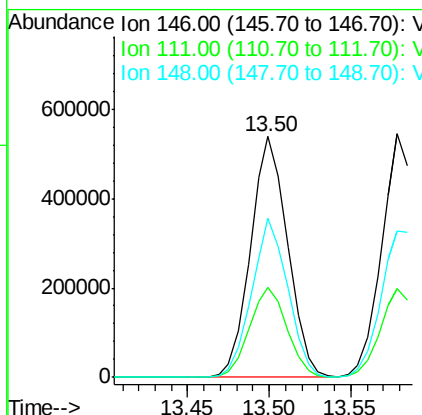
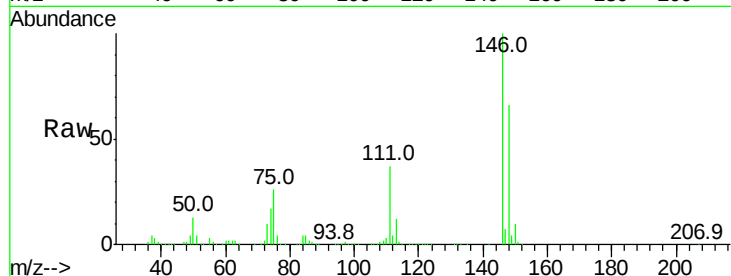




#64
 1,3-Dichlorobenzene
 Concen: 49.602 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

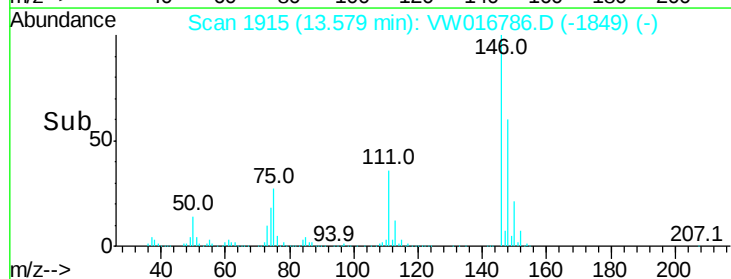
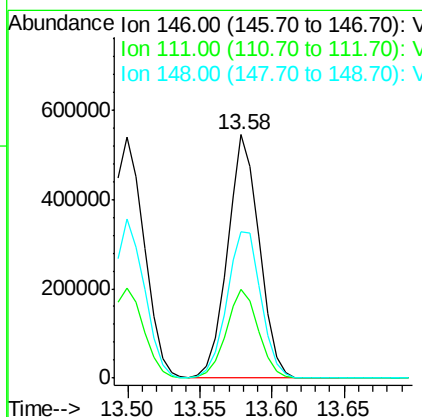
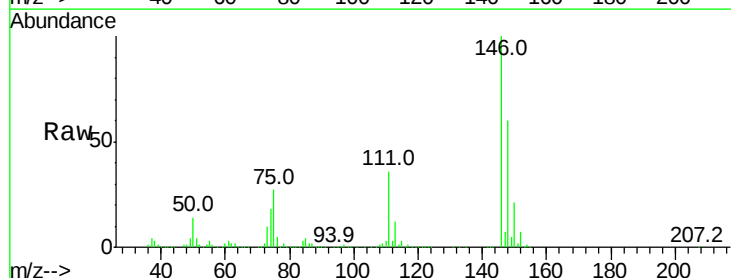
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

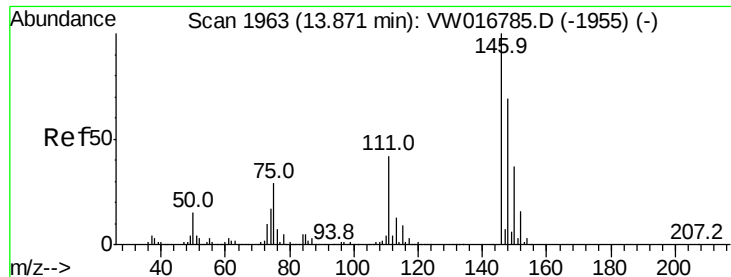
Tgt Ion:146 Resp: 847852
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.2 48.6
 148 66.0 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 49.482 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

Tgt Ion:146 Resp: 838502
 Ion Ratio Lower Upper
 146 100
 111 36.4 24.6 45.8
 148 59.9 43.0 79.8

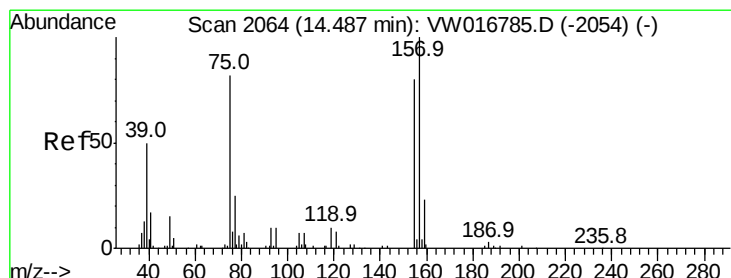
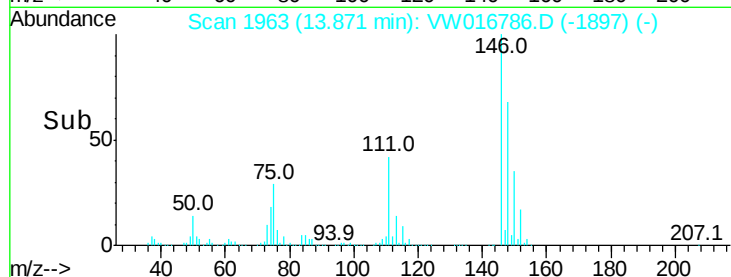
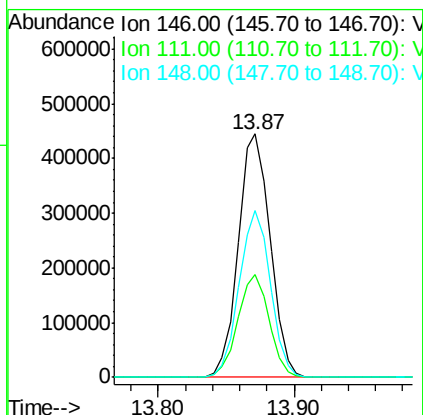
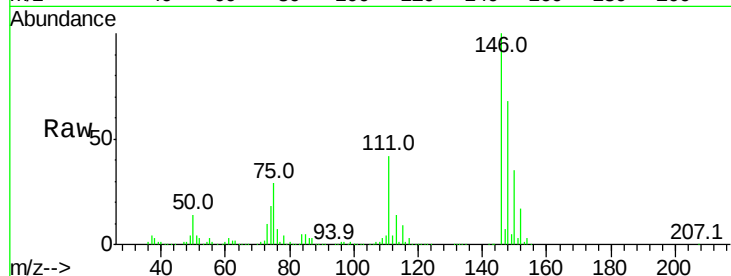




#67
 1,2-Dichlorobenzene
 Concen: 48.517 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

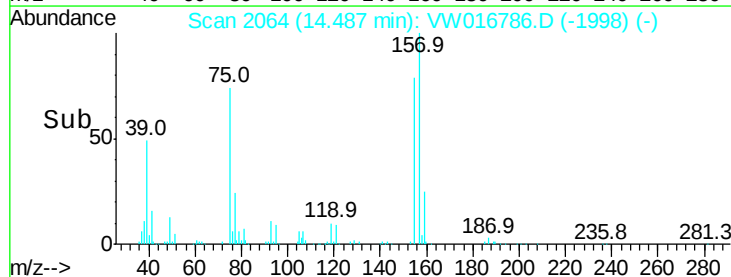
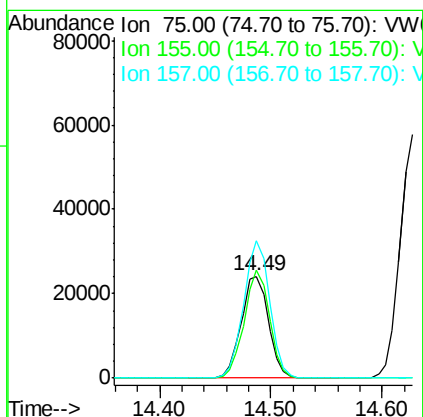
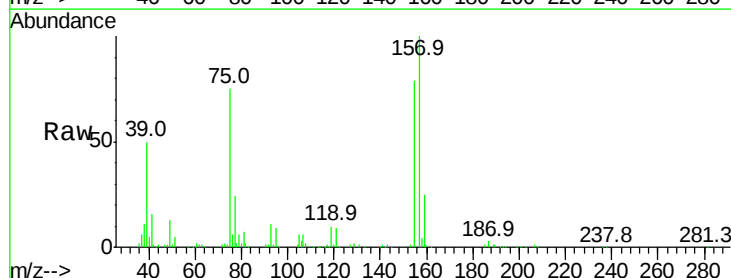
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

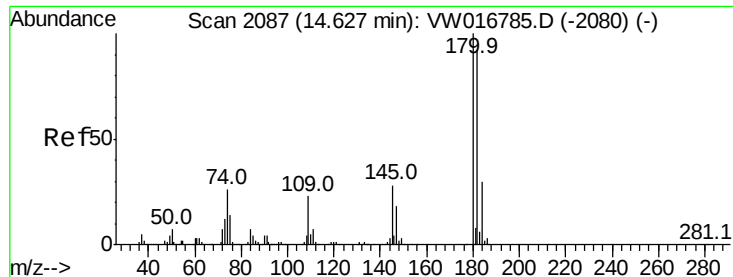
Tgt Ion: 146 Resp: 729796
 Ion Ratio Lower Upper
 146 100
 111 42.4 33.6 50.4
 148 68.4 54.9 82.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 46.002 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

Tgt Ion: 75 Resp: 41155
 Ion Ratio Lower Upper
 75 100
 155 106.3 77.4 116.2
 157 133.9 97.2 145.8

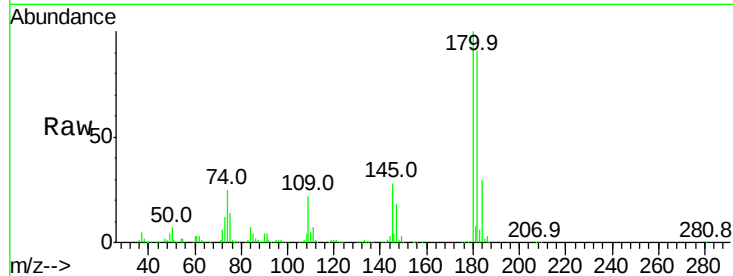




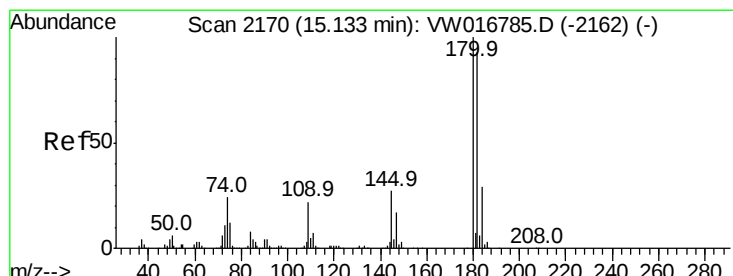
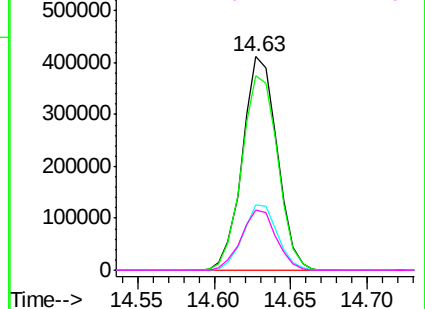
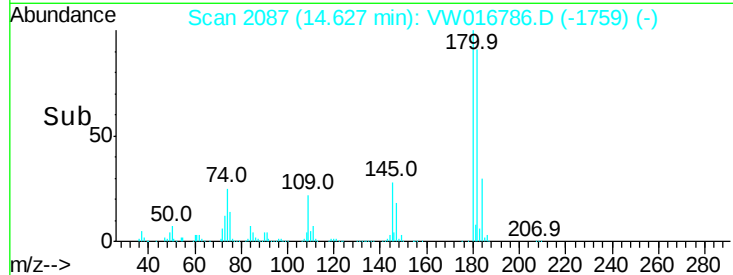
#69
 1,3,5-Trichlorobenzene
 Concen: 51.924 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

Tgt Ion:	180	Resp:	650050
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
184	30.5	24.6	36.8
145	28.4	22.7	34.1

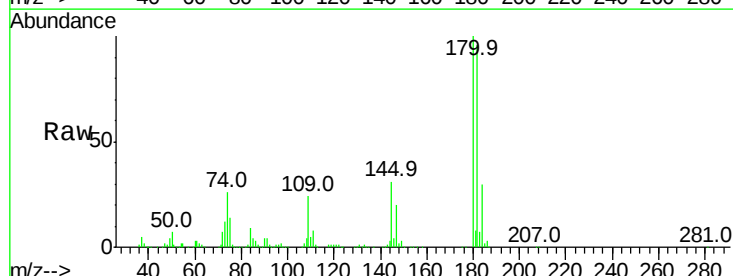


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

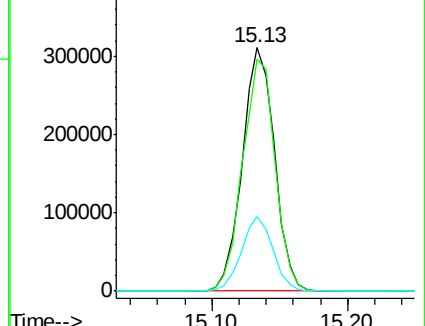
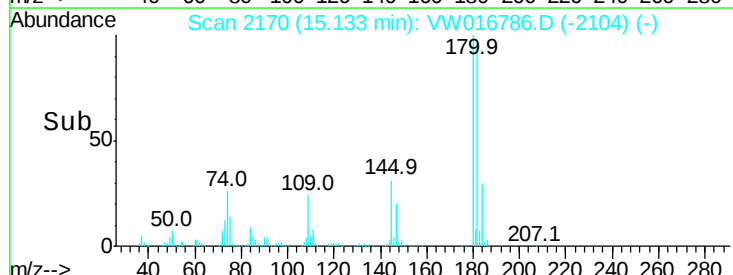


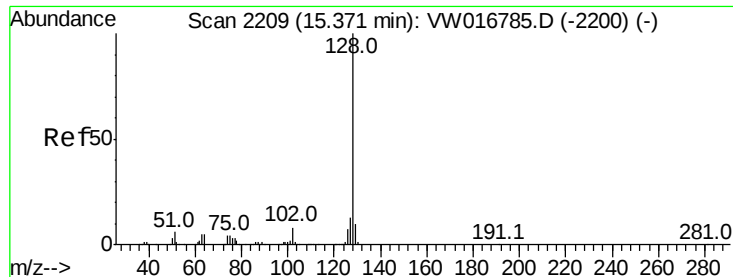
#70
 1,2,4-trichlorobenzene
 Concen: 52.050 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016786.D
 Acq: 06 Oct 2020 07:59

Tgt Ion:	180	Resp:	514356
Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.7	112.1
145	29.8	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

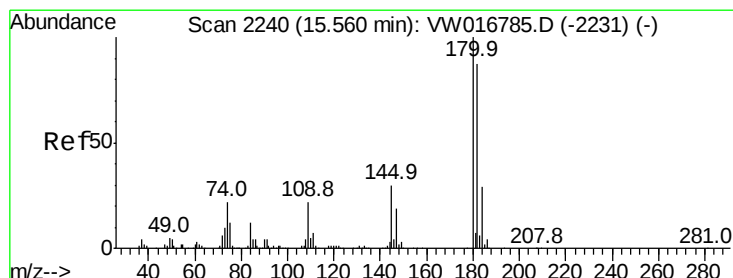
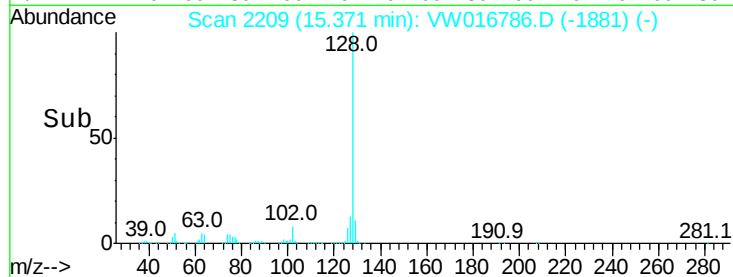
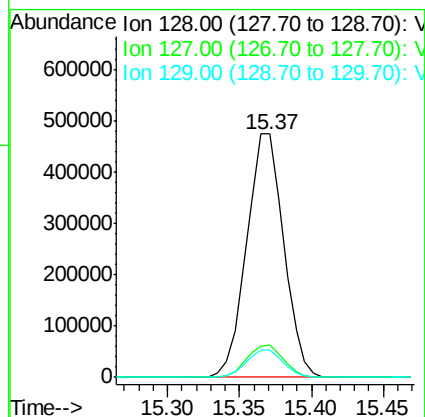
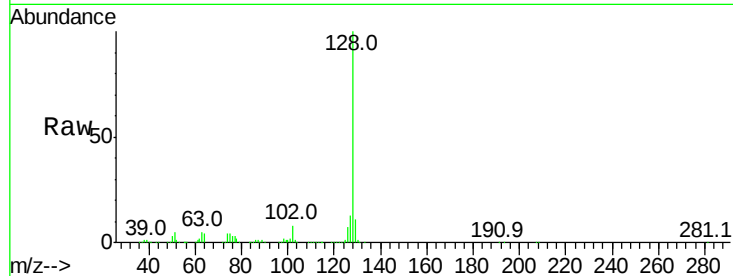




#71
Naphthalene
Concen: 53.172 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD050104

Tgt Ion:128 Resp: 844591
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.747 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016786.D
Acq: 06 Oct 2020 07:59

Tgt Ion:180 Resp: 440086
Ion Ratio Lower Upper
180 100
182 95.0 74.4 111.6
145 31.6 25.5 38.3

